Supplemental material

(A) Articles identified in PubMed (n=2046), Web of Science (n=4370)

- Excluded for duplication (n=2758)

  Unique articles after screening title and abstract (n=3658)

  Excluded as they did not report information on the association between cigarette smoking and RA (n=3619)

  Articles reviewed in full text eligibility (n=39)

  Excluded (n=30):
  - Not based on US population (n=15)
  - Meta-analysis (n=11)
  - Insufficient data (n=2)
  - From same cohort (n=1)
  - Genetic factors (n=1)

  Included studies (n=9)

(B) Articles identified in PubMed (n=2594), Web of Science (n=6281)

- Excluded for duplication (n=2784)

  Unique articles after screening title and abstract (n=6091)

  Excluded as they did not report information on the association between cigarette smoking and RA (n=6067)

  Articles reviewed in full text eligibility (n=24)

  Excluded (n=20):
  - Not based on US population (n=14)
  - Meta-analysis (n=4)
  - Insufficient data (n=1)
  - From same cohort (n=1)

  Included studies (n=4)

(C) Articles identified in PubMed (n=1530), Web of Science (n=1696)

- Excluded for duplication (n=832)

  Unique articles after screening title and abstract (n=2394)

  Excluded as they did not report information on the association between alcohol intake and RA (n=2363)

  Articles reviewed in full text eligibility (n=31)

  Excluded (n=27):
  - Not based on US population (n=16)
  - Meta-analysis (n=2)
  - Review articles (n=9)

  Included studies (n=4)