Supplement 1. Analytic Framework

Screening

- Asymptomatic, non-pregnant adults without known thyroid disease*
- Overt hyperthyroidism (low TSH and elevated T4 or T3)
- Overt hypothyroidism (high TSH and low T4)
- Sub-clinical hyperthyroidism (low TSH and normal T4 and T3)
- Sub-clinical hypothyroidism (high TSH and normal T4)

Treatment

3a

- Intermediate Outcomes
  - Cholesterol/lipids
  - Blood pressure
  - Body mass index / weight change
  - Bone density

3b

- Clinical Outcomes
  - Cardiovascular outcomes†
  - Fracture
  - Quality of life / cognitive function

Harms

Note 1: Hyperthyroidism results are summarized in the full report (14).

Note 2: The numbers on the figure correspond to the Key Question numbers.

*Includes adults without goiters or thyroid nodules.

†Cardiovascular disease, coronary artery disease/congestive heart failure, atrial fibrillation.