DEVELOPING ANTHROPOMETRIC PREDICTION EQUATIONS IN POSTMENOPAUSAL WOMEN

Hailey Banack

Co-authors: Jennifer Bea, Deepika Laddu, Andrew Odegaard & Mike LaMonte

May 2, 2019
Demographic Characteristics

Behavioural Characteristics

Anthropometry

Body Composition
Our proposal:

1. Derive and validate prediction equations in WHI DXA cohort

   \[ \text{Percent body fat (\%) = 50.46 + 0.07*age - 0.26*height + 0.10*wc + 1.57*race} \]

2. Apply prediction equations to entire WHI cohort to calculate predicted fat and predicted lean mass

3. Examine association with health outcomes
   - CVD
   - Diabetes
   - Mortality