

BACKGROUND

- Canadian diets demonstrate high consumption of sodium, sugar, and saturated fats, contributing immensely to the **national burden of death and disability**.^{1,2}
- Food literacy (FL)** describes how individual dietary knowledge, skills, and practices influence interactions with the broader food environment to make dietary choices.³
- FL** has broad influences on **dietary behaviours**,⁴ but has not been well characterized, nor have social determinants been investigated at the population level.

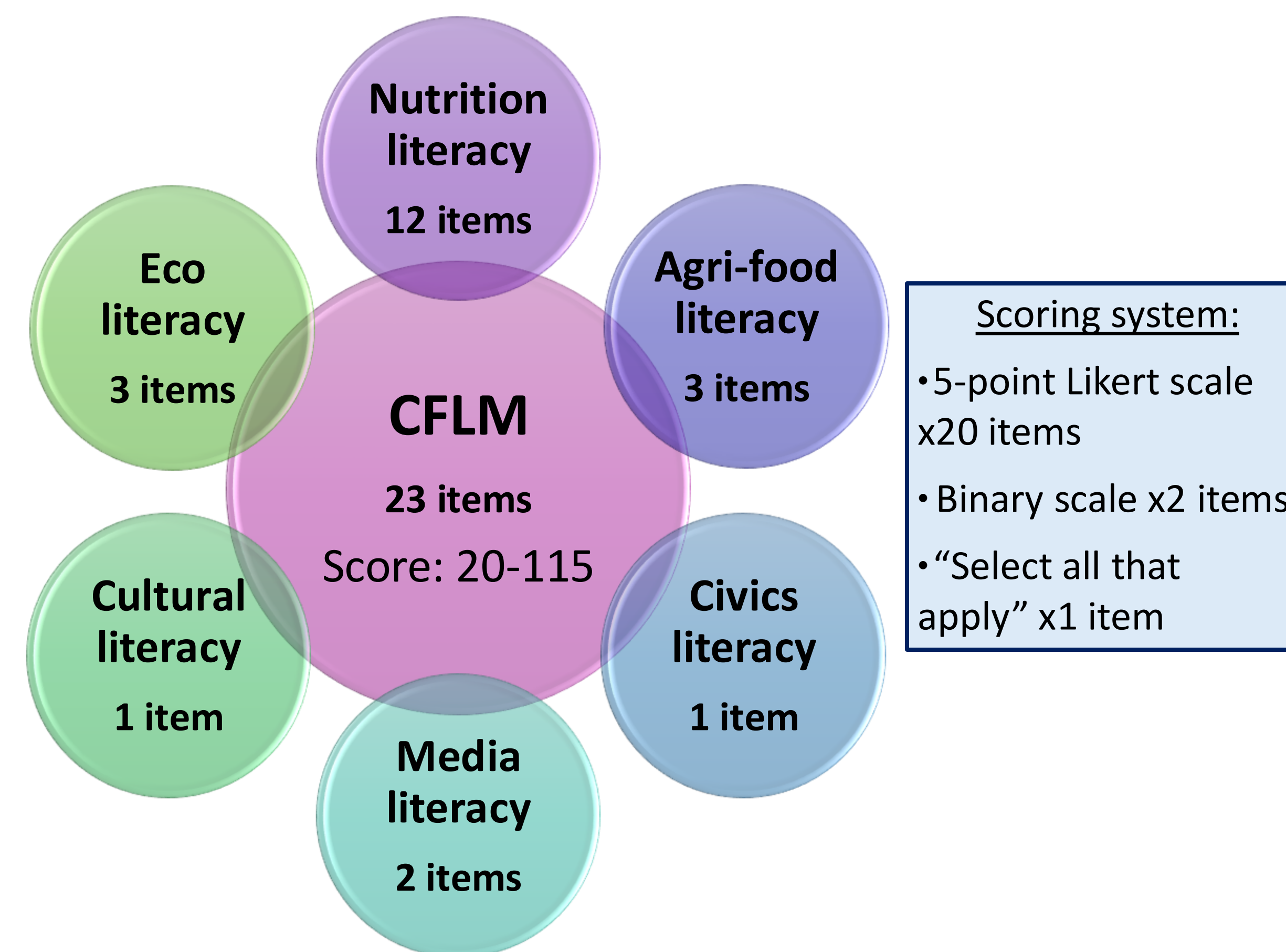
OBJECTIVES

To **describe levels of FL** among Canadian adults and **determine sociodemographic predictors** of FL.

- Hypothesis: women, people with higher education and income, those who live in urban areas, and white individuals will display higher FL.

METHODS

Figure 1. Canadian Food Literacy Measure (CFLM) Scoring⁵



Participant Recruitment

Adults living in Canada | Aged ≥18 years | Access to internet | Sampled from Leger Opinion Panel participant pool⁶

CNHS* Survey Administration

Nov 2024 to Feb 2025

Canadian Food Literacy Measure (CFLM)⁵ | Sociodemographic questionnaire

Statistical Analysis

Descriptive statistics | Linear regression models

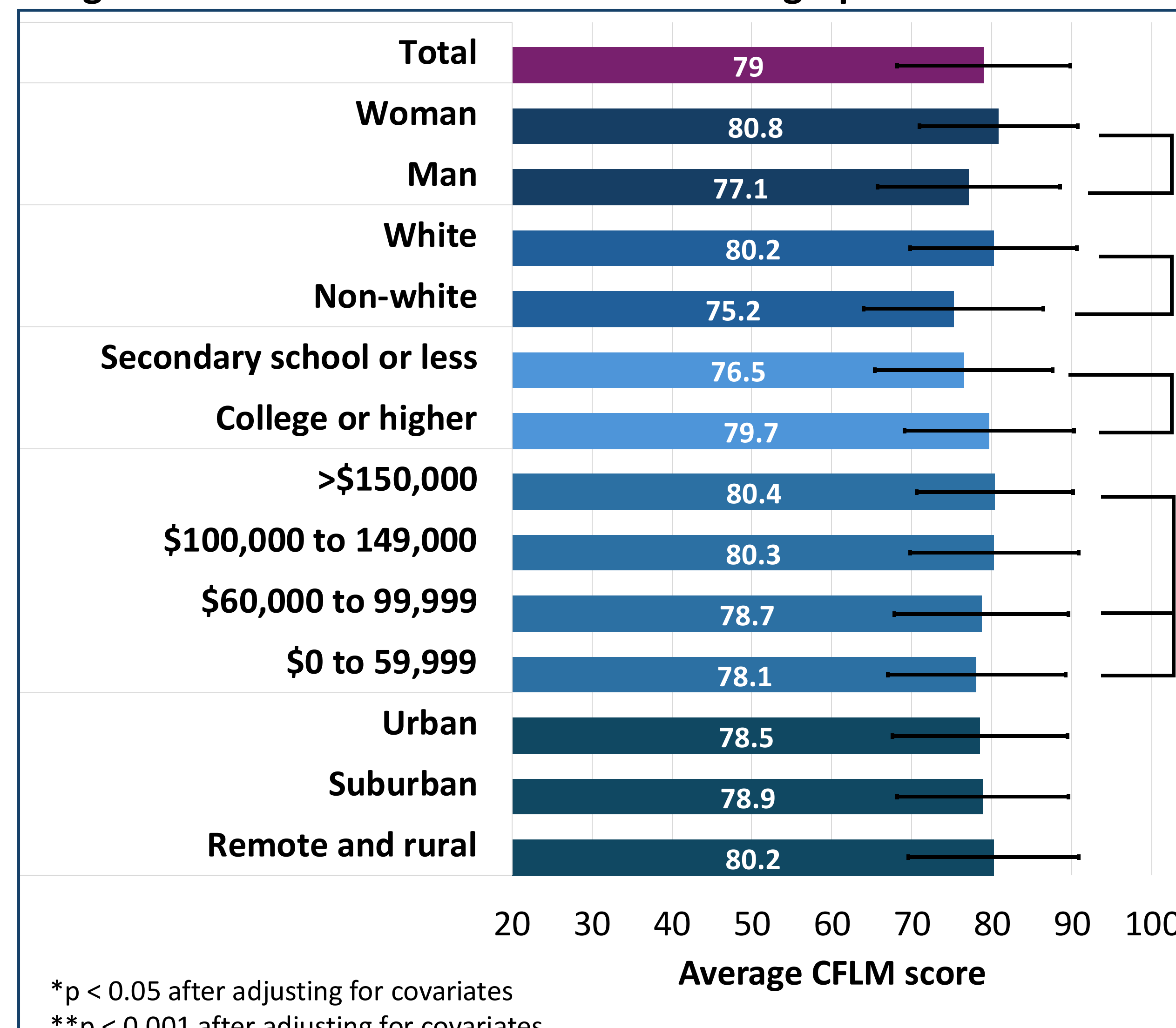
*CNHS = Canadian Nutrition and Health Survey

RESULTS

Table 1. Participant demographics (n=3277)

Mean Age (SD)	49.4 (±17.7)
Gender	
Woman	1689 (51.5%)
Man	1588 (48.5%)
Race	
White	2497 (76.2%)
Non-white	780 (23.8%)
Education	
Secondary school or less	749 (22.9%)
College diploma or higher	2528 (77.1%)
Annual Household income (CAD)	
\$0 to 59,999	1152 (35.2%)
\$60,000 to 99,999	864 (26.4%)
\$100,000 to 149,000	590 (18.0%)
>\$150,000	437 (13.3%)
Community Type	
Remote and rural	682 (20.8%)
Suburban	1149 (35.1%)
Urban	1446 (44.1%)

Figure 2. Mean FL score across sociodemographic variables



IMPLICATIONS

- This study identifies populations that are vulnerable to poor diet quality which have been underrepresented in current FL literature (i.e., non-white individuals, those with a secondary school diploma or less, those with an annual household income <\$100,000 CAD, younger-aged individuals, men).
- These findings can inform future interventions that cater to the needs of these underserved groups to improve dietary outcomes.
- Targeted interventions must consider the intersectional relationship of these sociodemographic predictors.
- Further studies should investigate differences among gender and racial minority groups, as well as adjust annual household income and food insecurity related variables.



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