University of Toronto Mississauga

Department of Mathematical and Computational Sciences

Surveys, Sampling and Observational Data (STA304H5F)

Midterm Test: November 8, 2025

Duration: 90 Minutes

SOLUTION

1. Suppose that a survey is being planned for purposes of estimating the average number of hours exercising daily by adults (18 years of age or older) living in a certain community. A list of all individuals living in the community is not available; however, a list of all households is available at the office of community clerk. Identify the following:

   (a) (1 point) Target Population:

   All adults (18+) living in the community

   (b) (1 point) Variable of Interest: