PERSONALIZED FALLRISK ANALYSIS AND DETECTION WITH CROSS MODAL LEARNING

https://smartfall.github.io/

PROJECT GOALS

According to the CDC, falls are a leading cause of death in adults over the age of 65. The researchers can develop a more precise fall detection device at a low cost by analyzing the real-world data provided by study participants. This device could ultimately lead to improved health and independence among older adults.

STUDY DESCRIPTION

If you want to contribute to this study, you will participate in 2 sessions of trial and complete a survey:

1.) The first trial will consist of wearing the watch with the SmartFall App for 3 hours each day for 7 days.

2.) The second trial is for the multi-modal data collection session, which involves 45 minutes of mobility assessment test while performing specific activities in a laboratory equipped with Kinect cameras (only records skeleton structure of your body) on Texas State University campus.

3.) Complete brief pre- and- post surveys (10 minutes).

BENEFITS FOR PARTICIPATION

The primary benefit for the participants will be contributing to the data set used for creating more accurate algorithm for fall detection.

As a participant, you will receive a gift card in the amount of $50.00 at the end of the study (after both trials) regardless of whether it is successful or not. If the participant has only completed the first trial, a $25.00 gift card will be given.

ARE YOU INTERESTED IN HELPING US?

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