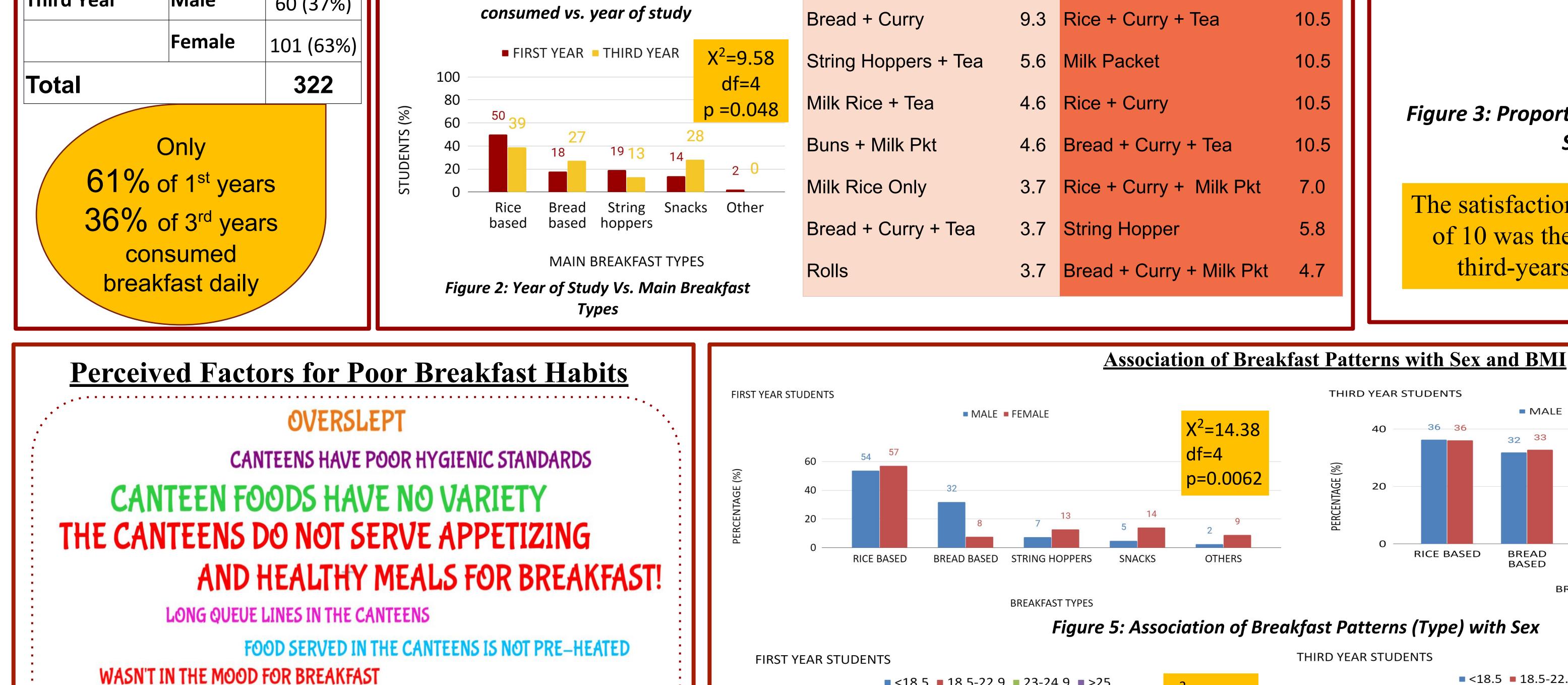


THE BREAKFAST PATTERNS, IT'S CORRELATION TO BODY MASS INDEX AND THE SATISFACTION ON BREAKFAST AVAILABLE AT THE FACULTY PREMISES AMONG FIRST AND THIRD YEAR MEDICAL UNDERGRADUATES OF UNIVERSITY OF KELANIYA

Research group D.2.3.



INTRODUC	rion	OBJECTIVES	MATERIALS	AND METHODS
 A well-balanced diet is fundamental to human health and wellbeing, including a well consumed breakfast. (1) First year students are exposed to new routines in regards to academic schedules, and are susceptible to irregular dietary habits, while third year students are introduced for the first time to the clinical field, with hospital appointments. (2) (3) 		 2. To compare breakfast patterns among 3. To determine the level of satisfaction of 4. To determine the perceived factors associated with poor breakfast habits among 5. To determine and compare the association of breakfast patterns with the sex and BMI; of first and third year Medical 	 Medicine, University of Kelaniya Study Period: March 16th 2019- December 3 Sample size and sampling: Sampling was not included. Study Instruments and data collection: Semi-structured, self-administered Questic The food available in the canteen was obser Body Mass Index was assessed using a digit Data Analysis: Descriptive statistics was used 	hird year Medical Undergraduates of Faculty of Oth 2019 conducted. All students of the study population was onnaire was used to assess the breakfast patterns ved using a observation checklist ital weight scale and a stadiometer to describe breakfast patterns and level of are the breakfast patterns between the two batches
		R	ESULTS	
Description of Study Participants			ole 2: Ten Commonest Types of Breakfasts	<u>Satisfaction Level of Breakfast Served</u> <u>in the Faculty</u>
Table 1: Description of StudyParticipants according to sexand year of study		36 10	Consumed based on Year of Study TYEAR (N=108) THIRD YEAR (N= 86) (%) TYPE	 FIRST YEAR THIRD YEAR 100 70 69 80
Characteristic	n (%)	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	(%)TYPE(%)Curry30.6Milk Rice + Milk Packet14.0	STN 60
First Year Male Female	68 (42%)	0 1 2 3 4 5 6 7 Rice + C	Curry + Tea 21.3 Rolls 12.8	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Third Year Male	93 (58%) 60 (37%)	NUMBER OF DAYS PER WEEK String H Figure 1: Number of days per week breakfast is String H consumed vs. year of study Broad +		0 <u> </u>



36 36

RICE BASED

■ <18.5 ■ 18.5-22.9 ■ 23-24.9 ■ >25

STRING

HOPPERS

BREAKFAST TYPES

MALE FEMALE

32 33

BREAD

BASED



X²=2.25

p=0.69

OTHERS

df=4

LEVEL OF SATISFACTION

Figure 3: Proportion of Students Vs. Level of Satisfaction

The satisfaction rating of 5-6 of maximum of 10 was the highest in both first and third-years (70%;69%) (Figure 3)

23

SNACKS

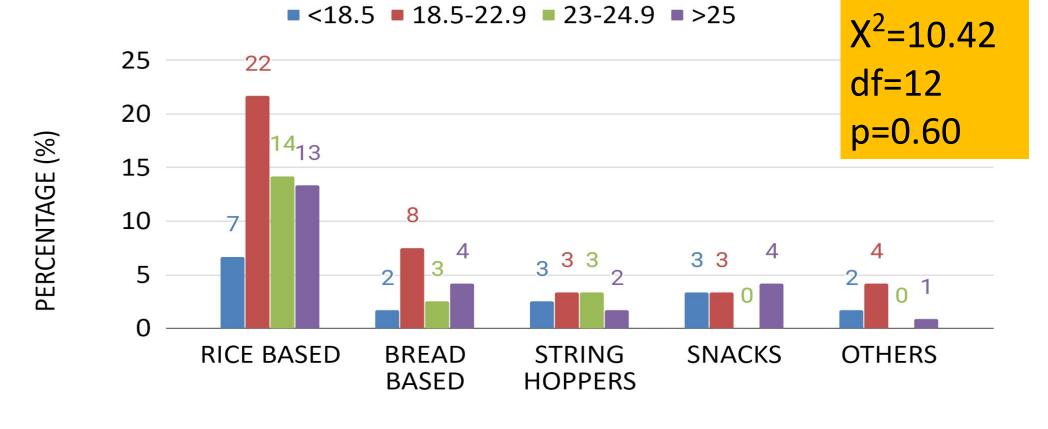




Figure 4: Common perceived factors in both years

The major concerns related to food served in faculty premises were: Palatability Healthiness

Variety





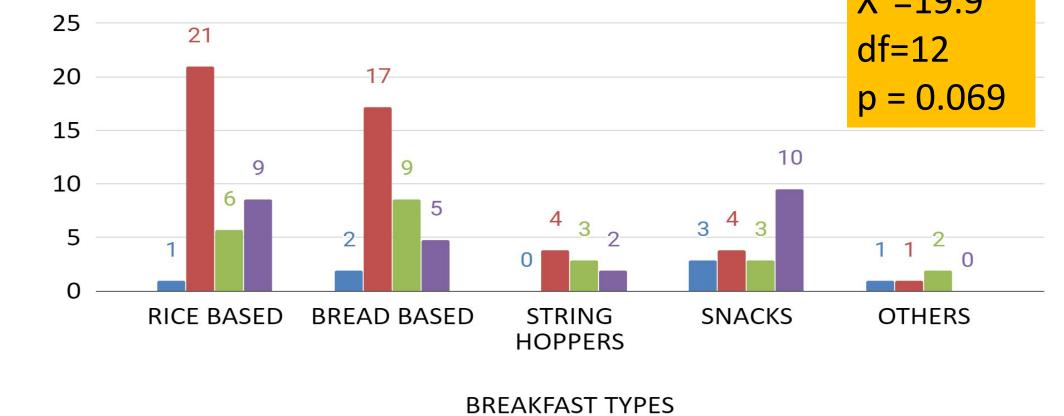


Figure 6: Association of Breakfast Patterns (Type) with BMI

GE (%)

Breakfast types amongst male and female first-years was significantly different (Figure 5). The breakfast types was not associated with BMI (Figure 6).

LIMITATIONS

Use of self-reported may have generated an information bias as under-reporting of unhealthy practices may have occurred by the study participants.

CONCLUSION AND RECOMMENDATIONS

Skipping breakfast was seen in both batches but was higher in the third year students.

- Type of breakfast was associated with the year of study.
- There was no association between breakfast type and BMI.
- Commonest perceived factor of skipping breakfast was unpalatability of canteen food.
- Canteen services should be improved to improve breakfast habits of medical students.

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