

Assessment of Online Learning Experience of Year Two and Year Four Nutrition Students In Faculty of Food Science and Nutrition (FSMP), Universiti Malaysia Sabah (UMS) During COVID-19 Pandemic

Abdul Hakim Bin Abdul Wahid<sup>1</sup>, Annette Tzi Xuan Ling<sup>1</sup>, Ngiik Ling Lau<sup>1</sup>, Sally Yen Wen Tan<sup>1</sup>, Ban Hock Khor<sup>1</sup>

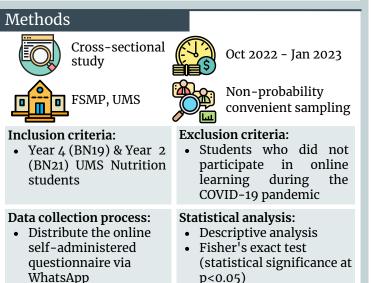
<sup>1</sup>Nutrition Programme, Faculty of Food Science and Nutrition, Universiti Malaysia Sabah

## Introduction

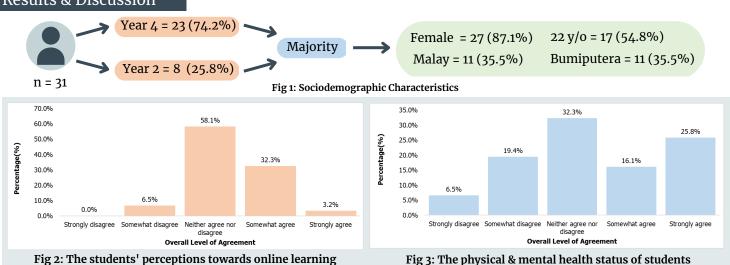
- The Malaysian government implemented the Movement Control Order (MCO) to combat the COVID-19 pandemic, which led to the closure of schools, colleges, universities, and educational institutes nationwide.
- UMS enforced school closures to mitigate the COVID-19 pandemic in 2020.
- The sudden change in the learning mode had affected UMS students in both positive and negative ways.

## Objectives

- To identify students' perceptions towards online learning.
- To identify the physical and mental health status of students during online learning.
- To identify students' preference towards physical and online learning.
- To compare the preference towards physical and online learning between high and low achievers.







during online learning

	0 0			
		Low achiever	High achiever	<i>p</i> -value (Fisher's Exact test)
lot	Prefer online/neutral	5 (16.1%)	3 (9.7%)	0.685
	Prefer physical	11 (35.5%)	12 (38.7%)	

Table 1: Comparison of preference towards physical and online learning between high and low achievers

- Blizak et al. reported that the students showed a negative perception towards online learning and favoured physical learning [1].
- Li et al. showed that anxiety is the most prominent mental issue with a prevalence of 66% among the students. Besides, the students also claimed that they have physical health problems such as eye strain and cervical stiffness as a result of online learning [2].
- Menon et al. mentioned that the undergraduate medical students in India indicated the online learning only provided moderate satisfaction and wished to pick up regular physical education sessions again, particularly for practicals and clinics [3].

## Conclusion

In conclusion, the respondents have a neutral perception towards online learning, with a majority of them preferring physical learning. The proportion of high achievers that prefers physical learning is higher (38.7%). Though, based on the result of the study, there is no significant difference in the preference towards physical and online learning between high and low achievers.

## Reference

1. Blizak et al. Journal of Chemical Education. 2020. 97, 2466-2471. 2. Li et al. Sustainable Cities And Society. 2022. 83, 103958.

3. Menon et al. Medical Journal Armed Forces India. 2021. 77, S227-S233.

