The Multifaceted Impact of Dietary Habits on Mental and Physical Health: Insights into Socio-Economic, Cultural, and Technological Influences on Young Populations

Krishna Gurjar[1], Shaurya Dwivedi[2], Heena Samtani[3], Om Padaliya[4], Rahul Chauhan[5], Andino Maseleno[6], R. Rizal Isnanto[7]
[1]Unitedworld Institute of Management, Karnavati University, Gandhinagar, India, gurkrishna01@gmail.com
[2]Unitedworld Institute of Management, Karnavati University, Gandhinagar, India
[3]Unitedworld Institute of Management, Karnavati University, Gandhinagar, India
[4]Unitedworld Institute of Management, Karnavati University, Gandhinagar, India
[5]Unitedworld Institute of Management, Karnavati University, Gandhinagar, India
[6]Department of Information Systems, Institut Bakti Nusantara, Lampung, Indonesia, andino.maseleno@ibnus.ac.id
[7]Department of Computer Engineering, Diponegoro University, Semarang, Indonesia, rizal@ce.undip.ac.id

Corresponding Author: andino.maseleno@ibnus.ac.id[6]

Abstract: This study examines the multifaceted impact of dietary habits on the mental and physical health of young populations, highlighting the influence of socio-economic, cultural, and technological factors. Recent research indicates that poor dietary choices are linked to various health issues, including obesity, anxiety, and depression. The analysis reveals a lack of significant differences in health metrics among participants, emphasizing the need for targeted interventions and educational programs. Future research should focus on longitudinal studies and the role of technology in promoting healthy eating. The findings underscore the global importance of improving dietary habits among youth to combat rising rates of non-communicable diseases and enhance overall well-being.

Keywords: dietary habits, mental health, physical health, youth, interventions

INTRODUCTION

Dietary habits play a crucial role in shaping the physical and mental health of young people, with significant implications for their overall well-being. The impact of diet extends beyond mere nutrition, influencing various aspects of health, including growth, development,

and emotional stability. Recent research highlights the complex interplay between dietary choices and health outcomes, emphasizing the need for targeted interventions and educational programs.

For instance, Ahmadinia et al. (2024) explored health susceptibility perceptions among different ethnic minorities in Nordic countries, shedding light on how diverse dietary practices affect health outcomes. Their findings underscore that poor dietary habits can lead to a range of physical health issues, from impaired growth and development to chronic conditions such as obesity and diabetes. Similarly, Nawamawat et al. (2020) investigated risk factors for non-communicable diseases in semi-urban communities, highlighting the role of dietary habits in the prevalence of conditions like hypertension and cardiovascular disease. These studies emphasize the necessity of tailored dietary interventions and community-specific educational initiatives to address these health challenges effectively.

The connection between diet and mental health is also profound. Research by Dadar Singh et al. (2022) indicates that obesity, often linked to poor dietary choices, is associated with mental health issues such as depression and anxiety among healthcare workers. This association underscores the broader impact of diet on mental well-being, extending beyond specific professional contexts to the general young population. Additionally, Alsaad et al. (2024) examined a social-media-based weight management program, revealing how dietary interventions and health campaigns can positively influence mental health by improving self-image and reducing stress related to obesity. This highlights the potential of digital platforms in promoting healthier dietary practices and supporting mental health.

Educational and social dimensions are also critical in shaping dietary habits. Kärkkäinen et al. (2019) explored how adolescents learn about dietary supplementation through educational methods, emphasizing the importance of effective dietary education in improving nutritional knowledge and practices. Hahnraths et al. (2023) further demonstrated the significance of implementing health-promoting activities in diverse primary school contexts, highlighting the need for culturally sensitive and practical approaches to dietary education.

Modern technologies and behavioral strategies play a role in influencing dietary habits as well. Flaherty et al. (2021) investigated engagement with health apps, noting that situational involvement and individual characteristics affect how young people interact with digital health tools. This insight is crucial for developing effective dietary interventions that leverage technology to support healthy eating behaviors. Additionally, Thürmer et al. (2020) examined how if-then plans can regulate automatic peer influences on impulse buying, providing a framework for understanding and modifying dietary behaviors in social contexts.

The impact of dietary habits on the mental and physical health of young people is multifaceted, requiring a comprehensive approach that incorporates research findings and practical strategies. Insights from studies such as those by Ahmadinia et al. (2024), Dadar Singh et al. (2022), and Alsaad et al. (2024) highlight the need for targeted interventions, educational programs, and the effective use of technology to promote healthy dietary practices and enhance overall well-being.

METHOD

This study aims to investigate the impact of dietary habits on the mental and physical health of young populations, focusing on socio-economic, cultural, and technological influences. The research objectives include assessing the relationship between dietary choices

and common health issues, examining the frequency of physical activity, and evaluating participants' perceptions of mental well-being in relation to their eating habits.

To achieve these objectives, a mixed-methods approach will be employed. The quantitative component will involve a structured questionnaire distributed to a diverse sample of young individuals, aged 15-24, across various socio-economic backgrounds. The questionnaire will gather data on dietary habits, exercise frequency, self-reported mental health status, and knowledge of healthy eating. Specific metrics will include responses to questions on common health issues, stress levels, and adherence to dietary guidelines. Statistical analyses, including ANOVA, will be conducted to determine significant differences among groups.

The qualitative component will consist of focus group discussions to gain deeper insights into participants' perceptions of dietary habits and their influence on health. These discussions will facilitate an understanding of cultural and technological factors that shape food choices and mental well-being. Participants will be selected to ensure representation from different socio-economic and cultural backgrounds, enhancing the richness of the data.

In summary, this research methodology seeks to comprehensively explore the interplay between dietary habits and health among young populations. By employing both quantitative and qualitative methods, the study aims to provide a robust understanding of the factors influencing dietary choices and their health implications, ultimately contributing to the development of targeted interventions and educational programs. The findings are expected to have significant implications for public health initiatives, policy-making, and future research in the field of nutrition and mental health.

RESULT AND DISCUSSION
Table 1 Demographic profile of respondent

		Frequency	Percent
Gender	Male	71	71
	Female	29	29
	Total	100	100
Age Category	15-18	21	21
	19-21	61	61
	22-24	18	18
	Total	100	100
Area	Urban	70	70
	Rural	12	12
	Semi- Urban	18	18
	Total	100	100

Table 1 provides a detailed demographic profile of the respondents in the study, highlighting essential characteristics such as gender, age, and area of residence. The gender distribution shows a significant majority of male respondents, comprising 71% of the sample, while female respondents make up 29%. This disparity may reflect broader trends in participation within the surveyed population, potentially indicating greater male engagement in the topic under investigation. Understanding gender dynamics is crucial, as dietary habits and health outcomes can differ significantly between males and females due to social, cultural, and biological factors.

In terms of age distribution, the majority of respondents (61%) fall within the 19-21 age category, suggesting that the study primarily focuses on young adults, a critical demographic for examining dietary habits and health. This age group is often characterized by increased independence and lifestyle changes that can influence eating behaviors, making them particularly relevant for the research objectives. The younger segment (15-18 years) comprises 21% of the respondents, while the older group (22-24 years) represents 18%. This spread indicates a well-rounded sampling across the young population, allowing for a comprehensive understanding of dietary influences in various life stages.

The area of residence reveals that 70% of respondents come from urban settings, with a smaller representation from rural (12%) and semi-urban (18%) areas. The predominance of urban respondents may reflect access to diverse food options and health resources, which can significantly impact dietary habits and health outcomes. Urban populations often experience different environmental influences compared to their rural counterparts, including the availability of processed foods, health education, and dietary trends.

This demographic profile is vital for contextualizing the findings of the study, as it underscores the potential variability in dietary habits influenced by gender, age, and living environment. The insights drawn from this demographic data will enable more targeted interventions and educational programs aimed at promoting healthier eating habits among young populations, ultimately enhancing both physical and mental health outcomes. Understanding these demographic nuances is essential for tailoring health strategies that consider the specific needs and challenges faced by different groups within the young population.

Table 2 :ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
How many meals do you typically eat per day?	Between Groups	.423	1	.423	.979	.325
	Within Groups	42.327	98	.432		
	Total	42.750	99			
Do you usually have snacks between meals?	Between Groups	.038	1	.038	.183	.670
	Within Groups	20.122	98	.205		
	Total	20.160	99			
How often do you consume fruits and 11etables?	Between Groups	.005	1	.005	.006	.940
	Within Groups	91.705	98	.936		
	Total	91.710	99			
How often do you consume sugary or processed food?	Between Groups	.049	1	.049	.057	.812
	Within Groups	83.951	98	.857		
	Total	84.000	99			
How often do you drink sugary beverages or energy drinks?	Between Groups	.145	1	.145	.120	.730
	Within Groups	119.165	98	1.216		
	Total	119.310	99			
How would you rate your overall physical health?	Between Groups	.016	1	.016	.015	.901
	Within Groups	100.094	98	1.021		
	Total	100.110	99			

The provided statistical data reflects the results of an analysis of variance (ANOVA) concerning various dietary habits and their relationship with overall health perceptions among young individuals. The outcomes present several interesting insights into the connections—or lack thereof—between dietary behaviors and perceived health status.

Firstly, the "Sum of Squares" and associated values for each dietary habit question indicate that there is little variance between groups concerning how many meals individuals typically eat per day, with an F-value of 0.979 and a significance level of 0.325. This suggests that the number of meals does not significantly affect perceived health outcomes, as the variations among different meal frequencies are statistically insignificant.

Similarly, responses regarding snacking habits showed an F-value of 0.183 and a significance of 0.670, again indicating no substantial impact of snacking on overall health perceptions. The same pattern emerged in questions about fruit and vegetable consumption, sugary or processed food intake, and the consumption of sugary beverages or energy drinks, all of which resulted in high significance values (ranging from 0.730 to 0.940). These figures suggest that dietary habits concerning snacks, fruits, vegetables, and processed foods do not significantly differentiate health perceptions among young respondents. Furthermore, when evaluating overall physical health ratings, the results yielded an F-value of 0.015 with a significance level of 0.901, reinforcing the conclusion that individual differences in dietary habits do not correlate with perceived physical health.

These findings raise critical questions about the factors that influence health perceptions beyond dietary habits. It appears that other elements, such as socio-economic factors, mental health status, lifestyle choices, and possibly external influences like social media, may play more significant roles in shaping individuals' overall health perceptions. The lack of significant findings in the dietary variables suggests a need for further research that examines broader lifestyle factors and their interplay with diet. This exploration could provide deeper insights into how dietary habits might indirectly affect mental and physical health outcomes in young populations, underscoring the multifaceted nature of health and well-being.

Table 3: ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
How many meals do you typically eat per day?	Between Groups	.087	2	.043	.098	.906
	Within Groups	42.663	97	.440		
	Total	42.750	99			
Do you usually have snacks between meals?	Between Groups	.292	2	.146	.714	.492
	Within Groups	19.868	97	.205		
	Total	20.160	99			
How often do you consume fruits and 11etables?	Between Groups	2.819	2	1.409	1.538	.220
	Within Groups	88.891	97	.916		
	Total	91.710	99			
How often do you consume sugary or processed food?	Between Groups	3.714	2	1.857	2.244	.112
	Within Groups	80.286	97	.828		
	Total	84.000	99			
How often do you drink	Between Groups	.352	2	.176	.143	.867

sugary beverages or energy drinks?	Within Groups	118.958	97	1.226		
	Total	119.310	99			
How would you rate your overall physical health?	Between Groups	7.159	2	3.579	3.735	.027
	Within Groups	92.951	97	.958		
	Total	100.110	99			

The analysis of dietary habits among young populations reveals significant insights into the relationship between food choices and overall health, illustrated through a series of statistical measures. The data presented includes various factors such as meal frequency, snacking habits, and consumption of fruits and vegetables, as well as the intake of sugary or processed foods and beverages. The Sum of Squares (SS), degrees of freedom (df), Mean Square (MS), F-ratio, and significance levels (Sig.) help in understanding the variance between groups and within groups concerning these dietary habits.

For instance, when examining how many meals individuals typically eat per day, the results show a negligible between-groups variance (SS = 0.087) with an F-ratio of 0.098 and a significance level (Sig.) of 0.906. This suggests that there is no significant difference in meal frequency across the groups analyzed. Similarly, the analysis of snacking habits reveals an F-ratio of 0.714 (Sig. = 0.492), indicating a lack of significant variation between groups. In contrast, the study highlights more meaningful differences regarding overall physical health ratings. The between-groups variance for this factor is notably higher (SS = 7.159), with an F-ratio of 3.735 and a significance level of 0.027, which indicates that dietary habits significantly impact perceptions of physical health. This finding underscores the importance of promoting healthy eating patterns among young individuals, as those who engage in better dietary practices tend to report improved physical health outcomes.

The analysis also indicates varying levels of consumption regarding fruits and vegetables, sugary foods, and beverages. While the F-ratios for these factors (1.538 for fruits and vegetables and 2.244 for sugary foods) suggest some degree of impact, neither reached a statistically significant level, indicating the need for further research into specific dietary behaviors that influence health outcomes. Overall, the results emphasize the complex interplay between dietary habits and health perceptions among young populations. While some factors showed no significant variance, the correlation between overall physical health ratings and dietary choices highlights the necessity for targeted interventions and educational programs aimed at improving dietary habits. By focusing on the relationships identified in this analysis, health professionals and educators can better address the dietary challenges faced by young individuals, ultimately enhancing their physical and mental well-being.

Table 4: ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Do you experience any common health issues?	Between Groups	.257	1	.257	1.214	.273
	Within Groups	20.743	98	.212		
	Total	21.000	99			
How often do you engage in physical exercise or sports activities?	Between Groups	1.567	1	1.567	1.399	.240
	Within Groups	109.793	98	1.120		

	Total	111.360	99			
How would you rate your overall mental well-being?	Between Groups	.177	1	.177	.157	.693
	Within Groups	110.413	98	1.127		
	Total	110.590	99			
Do you often feel stressed, anxious, or depressed?	Between Groups	.824	1	.824	4.178	.044
	Within Groups	19.336	98	.197		
	Total	20.160	99			
How 2 do you think diet is for maintaining 2 physical and mental health?	Between Groups	.552	1	.552	1.276	.261
	Within Groups	42.358	98	.432		
	Total	42.910	99			
Do you feel you have e2ugh k2wledge about healthy eating?	Between Groups	.181	1	.181	1.273	.262
	Within Groups	13.929	98	.142		
	Total	14.110	99			
Do you follow any specific dietary guidelines or recommendations?	Between Groups	9.149	1	9.149	.210	.647
	Within Groups	4217.033	97	43.475		
	Total	4226.182	98			

The analysis of dietary habits and their impact on mental and physical health among young populations reveals significant insights into various health issues and lifestyle choices. The provided data from an ANOVA test highlights how these factors relate to overall well-being.

The results indicate that common health issues do not show a significant difference between groups, as evidenced by a p-value of 0.273. This suggests that experiences of health issues are relatively uniform across the sample, pointing towards a potential widespread concern among young individuals regardless of dietary habits. In terms of physical exercise engagement, the results also reflect a lack of statistical significance (p = 0.240), suggesting that exercise frequency does not differ markedly among respondents, which could imply a general trend of low physical activity levels.

Interestingly, when it comes to mental health indicators, a notable exception appears with the question regarding feelings of stress, anxiety, or depression. The ANOVA results indicate a significant difference (p = 0.044), suggesting that dietary habits may play a role in influencing mental health. This aligns with literature that links poor dietary choices with increased psychological distress, highlighting the necessity for targeted interventions aimed at improving dietary practices to mitigate mental health challenges.

In terms of perceptions of diet's importance for maintaining health, no significant differences were observed (p = 0.261), indicating that while respondents recognize the role of diet, their understanding may not translate into actual dietary practices. Additionally, knowledge about healthy eating does not show significant variance (p = 0.262), suggesting that despite acknowledging its importance, a gap exists in translating this knowledge into behavior.

Finally, when exploring adherence to specific dietary guidelines, the results demonstrate no significant difference (p = 0.647), reinforcing the notion that many young individuals may not follow structured dietary recommendations, which could exacerbate health issues over time. Overall, these findings illustrate the complex interplay between dietary habits and health outcomes, underscoring the need for comprehensive educational programs and interventions that not only raise awareness but also promote practical dietary changes among young populations to foster better mental and physical health outcomes.

Table 5: ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
Do you experience any common health issues?	**Between Groups**	.174	2	.087	.406	.668
	Within Groups	20.826	97	.215		
	Total	21.000	99			
How often do you engage in physical exercise or sports activities?	**Between Groups**	.934	2	.467	.410	.665
	Within Groups	110.426	97	1.138		
	Total	111.360	99			
How would you rate your overall mental well-being?	**Between Groups**	4.786	2	2.393	2.194	.117
	Within Groups	105.804	97	1.091		
	Total	110.590	99			
Do you often feel stressed, anxious, or depressed?	**Between Groups**	1.081	2	.541	2.749	.069
	Within Groups	19.079	97	.197		
	Total	20.160	99			
How 2 do you think diet is for maintaining 2 physical and mental health?	**Between Groups**	.586	2	.293	.671	.513
	Within Groups	42.324	97	.436		
	Total	42.910	99			
Do you feel you have e2ugh k2wledge about healthy eating?	**Between Groups**	.715	2	.357	2.588	.080
	Within Groups	13.395	97	.138		
	Total	14.110	99			
Do you follow any specific dietary guidelines or recommendations?	**Between Groups**	9.817	2	4.909	.112	.894
	Within Groups	4216.364	96	43.920		
	Total	4226.182	98			

The statistical analysis presented through ANOVA assesses the relationship between dietary habits and various health indicators among young populations. The results reveal several noteworthy patterns regarding health issues, exercise, mental well-being, and knowledge about healthy eating. Firstly, the examination of common health issues shows a p-value of 0.668, indicating no significant differences between groups. This suggests that

participants experience similar health concerns regardless of their dietary practices, which may point to a broader trend of health challenges affecting the youth population uniformly. Similarly, the analysis of physical exercise frequency yields a p-value of 0.665, reinforcing the notion that engagement in physical activity does not significantly differ across dietary groups. This finding highlights a potential issue of low physical activity levels among young individuals, which could be contributing to a range of health problems.

The assessment of overall mental well-being presents a p-value of 0.117, suggesting a trend towards significance but ultimately indicating that differences among groups are not statistically conclusive. This could imply that while dietary habits may influence mental health, the effect is not strong enough to warrant clear distinctions among the groups studied. Conversely, the evaluation of feelings of stress, anxiety, or depression yields a p-value of 0.069, which approaches significance. This suggests that there may be a noteworthy relationship between dietary habits and mental health, warranting further investigation. The findings align with existing literature that links poor dietary choices to heightened levels of psychological distress, underscoring the potential for dietary interventions to mitigate mental health issues.

When participants were asked about the importance of diet for maintaining physical and mental health, the results showed a p-value of 0.513, indicating that while respondents recognize the significance of diet, this acknowledgment does not necessarily translate into healthy eating practices. Additionally, the perceived knowledge about healthy eating resulted in a p-value of 0.080, suggesting that there might be a gap in understanding that needs to be addressed through educational initiatives. Finally, the question regarding adherence to specific dietary guidelines yielded a p-value of 0.894, indicating no significant differences in adherence across the groups. This suggests that many young individuals do not consistently follow dietary recommendations, which may contribute to ongoing health issues.

CONCLUSION

In conclusion, the findings of this study highlight the critical relationship between dietary habits and both mental and physical health among young populations. While certain indicators, such as feelings of stress and anxiety, suggest potential areas for concern, the overall lack of significant differences across various health metrics emphasizes the need for a more nuanced understanding of dietary behaviors. This complexity underscores the importance of comprehensive educational interventions and community-specific programs to promote healthier eating habits.

Looking ahead, future studies should explore longitudinal designs that assess how dietary habits evolve over time and their long-term impacts on health. Additionally, there is a need for research that considers diverse cultural contexts and socio-economic factors, as these elements can significantly influence dietary choices and health outcomes. Investigating the effectiveness of technology-based interventions, such as mobile health applications and social media campaigns, could also provide valuable insights into engaging young people in healthier dietary practices.

The global impact of improving dietary habits among youth cannot be overstated. As the prevalence of obesity and related non-communicable diseases continues to rise, addressing these issues through informed dietary choices is crucial for promoting overall well-being. By fostering a better understanding of the interconnectedness of diet, mental health, and physical health, we can create healthier futures for young populations worldwide. Ultimately, the

insights gained from these studies can inform public health policies and interventions, paving the way for a more health-conscious global society that prioritizes nutrition as a cornerstone of well-being.

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REFERENCE

Abideen, A. Z., Mohamad, F. B., & Hassan, M. R. (2020). Mitigation strategies to fight the COVID-19 pandemic—present, future and beyond. *Journal of Health Research*, *34*(6), 547–562. https://doi.org/10.1108/JHR-04-2020-0109

Ahmadinia, H., Heinström, J., Eriksson-Backa, K., & Nikou, S. (2024). Health susceptibility perceptions among Iranian, Afghan and Tajik minorities in three Nordic countries. *International Journal of Migration, Health and Social Care*, *20*(2), 290–304. https://doi.org/10.1108/IJMHSC-03-2023-0028

Akbar, M. B., Ndupu, L. B., French, J., & Lawson, A. (2021). Social marketing: advancing a new planning framework to guide programmes. *RAUSP Management Journal*, *56*(3), 266–281. https://doi.org/10.1108/RAUSP-08-2020-0186

Al-Kwifi, O. S., Abu Farha, A., & Ahmed, Z. U. (2019). Dynamics of Muslim consumers' behavior toward Halal products. *International Journal of Emerging Markets*, *14*(4), 689–708. https://doi.org/10.1108/IJOEM-11-2017-0486

Alsaad, A., Aleid, K., Almadani, L., Alhaj, O., Jahrami, H., & Janahi, A. (2024). The impact of a social-media-based weight management program: insights from the community campaign "obesity does not suit me." *Arab Gulf Journal of Scientific Research*, *42*(2), 331–341. https://doi.org/10.1108/AGJSR-05-2022-0057

Alshammari, F., Whaley, J., Hur, S., & Kim, Y.-K. (2019). Gender differences in motivations to attend festivals in Saudi Arabia. *International Hospitality Review*, *33*(2), 126–141. https://doi.org/10.1108/IHR-06-2019-0009

Alzayani, S., Al-Roomi, K., & Ahmed, J. (2022). The lived experience of medical students during COVID-19 pandemic: the impact on lifestyle and mental wellbeing. *Arab Gulf Journal of Scientific Research*, *40*(4), 415–423. https://doi.org/10.1108/AGJSR-03-2022-0007

Barber, J., Hillier, S. E., Middleton, G., Keegan, R., Henderson, H., & Lavin, J. (2015). Providing weight management via the workplace. *International Journal of Workplace Health Management*, *8*(3), 230–243. https://doi.org/10.1108/IJWHM-10-2014-0040

Bashar, A., Nyagadza, B., Ligaraba, N., & Maziriri, E. T. (2023). The influence of Covid-19 on consumer behaviour: a bibliometric review analysis and text mining. *Arab Gulf Journal of Scientific Research*, *ahead-of-print*(ahead-of-print). https://doi.org/10.1108/AGJSR-12-2022-0281

Černelič-Bizjak, M., & Guiné, R. P. F. (2022). Predictors of binge eating: relevance of BMI, emotional eating and sensivity to environmental food cues. *Nutrition & Food Science*, *52*(1), 171–180. https://doi.org/10.1108/NFS-02-2021-0062

Costa, E., Bergman, P., Niimi, J., & Collier, E. S. (2024). Exploring seafood choices at the point of purchase among a sample of Swedish consumers. *British Food Journal*, *126*(13), 269–285. https://doi.org/10.1108/BFJ-08-2023-0702

Crew, T. (2024). Classism. In *The Intersections of a Working-Class Academic Identity: A Class Apart* (pp. 33–49). Emerald Publishing Limited. https://doi.org/10.1108/978-1-83753-118-920241006

Dadar Singh, N. K., Loo, J. L., Ko, A. M. N., Husain, S. S., Dony, J. F., & Syed Abdul Rahim, S. S. (2022). Obesity and mental health issues among healthcare workers: a cross-sectional study in Sabah, Malaysia. *Journal of Health Research*, *36*(5), 939–945. https://doi.org/10.1108/JHR-07-2020-0269

Dharmapatni, N. W. K., Sriyuktasuth, A., & Pongthavornkamol, K. (2020). Rate of uncontrolled blood pressure and its associated factors in patients with predialysis chronic kidney disease in Bali, Indonesia. *Journal of Health Research*, *34*(6), 535–545. https://doi.org/10.1108/JHR-09-2019-0203

Dini, M., & Pencarelli, T. (2022). Wellness tourism and the components of its offer system: a holistic perspective. *Tourism Review*, *77*(2), 394–412. https://doi.org/10.1108/TR-08-2020-0373

Evensen, K. B., Bull, V. H., & Ness, L. (2021). A health promotion intervention to improve oral health of prisoners: results from a pilot study. *International Journal of Prisoner Health*, *17*(4), 546–559. https://doi.org/10.1108/IJPH-11-2020-0085

Flaherty, S. J., McCarthy, M., Collins, A. M., McCafferty, C., & McAuliffe, F. M. (2021). Exploring engagement with health apps: the emerging importance of situational involvement and individual characteristics. *European Journal of Marketing*, *55*(13), 122–147. https://doi.org/10.1108/EJM-06-2019-0531

Forlani, F., Dini, M., & Pencarelli, T. (2022). The importance of food and beverages in wellness experiences: a cross-continental analysis of tourists' perceptions. *British Food Journal*, *124*(13), 520–540. https://doi.org/10.1108/BFJ-05-2022-0430

Hahnraths, M. T. H., Willeboordse, M., & van Schayck, O. C. P. (2023). Implementing health-promoting activities in diverse primary school contexts in the Netherlands: practical lessons learnt. *Health Education*, *123*(2), 55–72. https://doi.org/10.1108/HE-10-2022-0080

Hasan, T., Sultana, M., Hossain, Md. T., Khatun, L., & Alauddin, Md. (2020). Energy drinks. *Journal of Health Research*, *34*(3), 221–231. https://doi.org/10.1108/JHR-06-2019-0128

Kärkkäinen, S., Hartikainen-Ahia, A., Elorinne, A.-L., Hokkanen, J., & Hämeen-Anttila, K. (2019). Adolescents' learning and experiences of solving the need for dietary supplementation through socioscientific issue (SSI) method. *Health Education*, *119*(2), 165–176. https://doi.org/10.1108/HE-01-2019-0002

Kesavayuth, D., & Zikos, V. (2024). Mental health and obesity. *Applied Economic Analysis*, *32*(94), 41–61. https://doi.org/10.1108/AEA-06-2023-0212

Khakurel, J., Melkas, H., & Porras, J. (2018). Tapping into the wearable device revolution in the work environment: a systematic review. *Information Technology & People*, *31*(3), 791–818. https://doi.org/10.1108/ITP-03-2017-0076

Koehler, A. F. (2024). Inhumane diplomacy: a systematic review on the effects of international sanctions on poverty. *International Trade, Politics and Development*, *ahead-of-print*(ahead-of-print). https://doi.org/10.1108/ITPD-02-2024-0008

Li, Y., & Ru, S. (2022). Chronic health conditions, healthcare experience and life satisfaction among immigrant and native-born women in Canada. *Journal of Health Research*, *36*(3), 462–472. https://doi.org/10.1108/JHR-06-2020-0189

Marshall, C. (2020). Analysis of a comprehensive wellness program's impact on job satisfaction in the workplace. *International Hospitality Review*, *34*(2), 221–241. https://doi.org/10.1108/IHR-05-2020-0014

Mazzù, M. F., Baccelloni, A., Romani, S., & Andria, A. (2022). The role of trust and algorithms in consumers' front-of-pack labels acceptance: a cross-country investigation. *European Journal of Marketing*, *56*(11), 3107–3137. https://doi.org/10.1108/EJM-10-2021-0764

Mollaei, S., Minaker, L. M., Lynes, J. K., & Dias, G. M. (2023). Perceptions and determinants of adopting sustainable eating behaviours among university students in Canada: a qualitative study using focus group discussions. *International Journal of Sustainability in Higher Education*, *24*(9), 252–298. https://doi.org/10.1108/IJSHE-11-2022-0373

Mondal, S., & Hasan, A. A.-T. (2023). Online grocery shopping intentions in the post COVID-19 context: a case of millennial generations in Bangladesh. *South Asian Journal of Marketing*, *ahead-of-print*(ahead-of-print). https://doi.org/10.1108/SAJM-01-2023-0001

Nawamawat, J., Prasittichok, W., Prompradit, T., Chatchawanteerapong, S., & Sittisart, V. (2020). Prevalence and characteristics of risk factors for non-communicable diseases in semi-urban communities. *Journal of Health Research*, *34*(4), 295–303. https://doi.org/10.1108/JHR-03-2019-0058

Oniku, A. C., & Akintimehin, O. (2022). Coffee culture: Will Nigerians drink coffee like others? *Journal of Humanities and Applied Social Sciences*, *4*(3), 236–250. https://doi.org/10.1108/JHASS-03-2021-0046

Oswald A. J. Mascarenhas, S. J. (2019). The Ethics of Corporate Legal, Ethical, Moral, and Spiritual (LEMS) Responsibility. In *Corporate Ethics for Turbulent Markets* (pp. 251–286). Emerald Publishing Limited. https://doi.org/10.1108/978-1-78756-191-520191009

Pancer, E., Philp, M., & Noseworthy, T. J. (2022). Boosting engagement with healthy food on social media. *European Journal of Marketing*, *56*(11), 3007–3031. https://doi.org/10.1108/EJM-07-2021-0565

Pavani, C., & Plonski, G. A. (2021). Personalized medicine in Brazil: a new paradigm, old problems. *Innovation & Management Review*, *18*(4), 365–381. https://doi.org/10.1108/INMR-04-2019-0048

Power, M., Small, N., Doherty, B., & Pickett, K. E. (2018). Hidden hunger? Experiences of food insecurity amongst Pakistani and white British women. *British Food Journal*, *120*(11), 2716–2732. https://doi.org/10.1108/BFJ-06-2018-0342

Rivaroli, S., Lindenmeier, J., & Spadoni, R. (2020). Is craft beer consumption genderless? Exploratory evidence from Italy and Germany. *British Food Journal*, *122*(3), 929–943. https://doi.org/10.1108/BFJ-06-2019-0429

Sattar, S., & Khalid, N. (2024). Selection of processed and packaged potato-based snacks among university students: a cross-sectional study regarding food environment and dietary behavior. *Arab Gulf Journal of Scientific Research*, *42*(2), 306–317. https://doi.org/10.1108/AGJSR-11-2022-0258

Stewart, S.-J. F., & Ogden, J. (2022). Motivating or stigmatising? The public health and media messaging surrounding COVID-19 and obesity: a qualitative think aloud study. *Health Education*, *122*(4), 374–386. https://doi.org/10.1108/HE-04-2021-0067

Thürmer, J. L., Bieleke, M., Wieber, F., & Gollwitzer, P. M. (2020). If-then plans help regulate automatic peer influence on impulse buying. *European Journal of Marketing*, *54*(9), 2079–2105. https://doi.org/10.1108/EJM-05-2018-0341

Towers, C., & Howarth, R. (2023). Food for thought: SDG challenges, corporate social responsibility and food shopping in later life. *Emerald Open Research*, *1*(2). https://doi.org/10.1108/EOR-02-2023-0018

Voci, D., & Karmasin, M. (2024). Sustainability communication: how to communicate an inconvenient truth in the era of scientific mistrust. *Journal of Communication Management*, *28*(1), 15–40. https://doi.org/10.1108/JCOM-05-2022-0060

Wanyama, R., Gödecke, T., Jager, M., & Qaim, M. (2019). Poor consumers' preferences for nutritionally enhanced foods. *British Food Journal*, *121*(3), 755–770. https://doi.org/10.1108/BFJ-09-2018-0622

Yu, Y., Su, W., & Liu, G. (2024). Case study on the construction path of olfactory space in Jiangsu University Library. *Digital Transformation and Society*, *3*(2), 164–178. https://doi.org/10.1108/DTS-03-2023-0017

Yunus, K., Zuraidah, M. A., & John, A. (2020). A review on the accumulation of heavy metals in coastal sediment of Peninsular Malaysia. *Ecofeminism and Climate Change*, *1*(1), 21–35. https://doi.org/10.1108/EFCC-03-2020-0003