

Analysis of Health Drinks : What is Satisfying Consumer's Thirst ?

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Abstract

The ever - raising dynamics in the Indian market place and the extensive competition has emphasized on the significance in identification of factors behind the consumers' consumption of health drinks to quench the thirst of the marketers with solutions. This study identified 32 different underlying reasons as factors for a consumer to prefer health drinks. The study analyzed survey responses of 432 respondents from South Bengaluru. Furthermore, the study examined the significance of each factor with its impact on purchase intentions of health drinks using exploratory factor analysis. The interpretation was then carried out to analyze how each factor - Advertisement, Support-Drink, Influence, Lifestyle, Relaxation, Activeness, Arousal, Health-Consciousness, Taste, Price, and Packaging impacted the purchase intentions. The results of the regression analysis further revealed that Activeness, Relaxation, Packaging, Arousal, Advertisement, Health - Consciousness, and Taste had a significant impact on consumer purchase intentions about health drinks. The study revealed that 'Activeness' was the utmost preferred attribute for the preference of health drinks by the consumers.

Keywords : health drinks, purchase intention, factor analysis, regression

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With an idea of a salubrious beverage, water instantly comes to mind, but many more value adding nutritious drinks are available for the best diet. Some drinks include magnificent health gains, from relieving minor ills like indigestion to major ailments like osteoporosis, etc. Maximizing marketing efforts necessitate conscious consideration of consumer's dynamic consumption patterns. With options galore, inclining towards adventurous tastes, innovative ingredient combinations, marketers are thirsty to understand consumer's purchase attitudes to place their bets. This emerging growth in the segment of health drinks has posed challenges to pinpoint which drinks gain more consumer acceptance and the reasons for their choices.

Health is man's most precious possession. It regulates all his/her actions and also moulds his/her fortune. The saying "health is wealth" indicates the significance of health in today's world. Health is a fundamental key to knowledge, success, education, good citizenship, and leads to a happy life. It is not possible for an individual to perform efficiently without good health. In comparison with other food supplementations, at the top of the list stand health drinks when equated with others. As health consciousness is rising in India, this has subsequently led to the enormous growth of food and fitness markets, with numerous products being developed and pushed into masses across the country to meet the growing demand for nutritious food and beverages. To capitalize this trend, marketers are also changing strategies pitching in innovation with the support of research and development, introducing new product launches like herbal based, ayurvedic based, etc., which are more health conscious and shift the themes of the marketing campaigns. Health and wellness segments are growing due to alarming alerts

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from increase in non-communicable diseases. Consumers are searching for products or services which ensure them to lead a productive, fuller, and happier life. Drinks made specifically for providing nutritious diet, energy, and health to consumers as health product alternatives or support drinks are gaining top priority in consumer purchase patterns (Sloan, 2003).

In the evolving beverage market, the growth seems to be higher towards low calorie, light, and healthy drinks. The desire for health and concern for ill-health are driving consumers towards these drinks (Bedi & Paul, 2013). According to Majumdar (2007), malted beverages are popularly known as health drinks in India. Historically, malted beverages have a strong association with milk. Such drinks used to be consumed in the Southern and Eastern regions of the country which had a perennial shortage of milk supply. So, malted beverages positioned themselves as substitutes for milk (Srivastava & Ghufra, 2013).

According to Ayurveda, the drinks which have medicinal properties along with the property of quenching thirst are called as health drinks (Mukherjee, Venkatesh, & Gantait, 2010). Green-tea can be defined as a form of tea, which is made of leaves prevented from oxidizing, shaped, and let dried (Gebely, 2012). The important and well performed quality attributes of green tea have been revealed as safety, health, and sensory factors (Lee, Bonn, & Cho, 2018). The percentage of consumers who prefer green tea has increased enormously as consumers are more likely to associate it with health benefits when compared with white or black or oolong teas (Craford, 2015).

Physical activity and dietary reforms are the keystones of management of lifestyle diseases (Pappachan, 2011; Rukmini, 2013). A busy professional life leaves little time for exercise. A drink which is low in calorific value, such as a health drink, can serve as a healthy alternative to juices and colas. A study explained that obesity in children is majorly due to the fatty snacks and fast food they consume, which are high in calories and low in nutritional value (Hofferth & Curtin, 2003). According to a Euromonitor International report (2018), Indian consumers are spending more and more on nutritional supplements to combat the effects of health problems.

Literature Review

According to a research, 40% of consumers were willing to pay a premium for products like flavored milk, which contain added nutritional benefits (Armitstead, 1998 ; Hough & Sánchez, 1998 ; Yanese, Durán, & Costell, 2002). According to the Kaka and Kshirsagar (2016), India is one of the largest economies in the world in terms of purchasing power. With total household consumption expected to increase four-folds between 2005 to 2025, India is poised to emerge as the world's largest consumer market by 2030, with an aggregate spending of USD 13 trillion ("Indian consumer market likely to be world's largest by 2030," 2013).

The new supplements for breakfast are fresh fruit and vegetable juices for many households across the country due to the busy day schedules and growing working women population. Consumers with growing consciousness of health habits are switching from carbonated juices to vegetable and fruit juices. Un-packed juices, popularly noticed as preservative-free beverages in the markets, are also gaining popularity (PwC, 2017).

Prakash (2011) studied the factors influencing consumer buying behavior in the purchase of malt drinks including price, quality, flavor, taste, advertisement, and energy. He concluded that quality of the product with the right price can be the best-loved combination and becomes a part of the lifestyle of the consumer.

Changing lifestyles, rise in purchasing power, growth of nuclear families, and the impact of Western culture drive the Indian food and beverage markets. Mothers tend to attach maximum importance to a diet rich in nutrition for the growth of their kids, which is an important factor for the ever-growing nutrition food and drinks market in the country.

The two main variables of consumer attitude towards health drinks were classified as extrinsic - which included price, country of manufacturing, packaging, shelf presence, and brand name ; whereas, the intrinsic factors included nourishment, taste, colour, and size (Wells, 2000). Consumer purchase patterns have made yesterday's luxuries as today's necessities. In a dynamic and competitive market place, consumers are professionally and

personally stressed and work hard to overcome and survive in lives. This demands extensive energy and stamina along with high nutritious health drinks (Ali & Ahmad, 2010).

Tamilselvi and Kirubakaran (2011) identified the factors influencing the buying decisions of health food drinks, and found that income, size of the family, and education had no significant differences in health drink purchase patterns. Motwani and Agarwal (2012) observed a positive correlation between buying patterns of consumers and factors influencing the consumers. They also identified that the key success of development in market shares was possible only through healthy food and beverages.

The health consciousness trend fuelled a surge in fresh juices by raising their sales volumes. Organic fresh juice is the new term targeting the premier class consumers with home delivery service options available, thus benefiting consumers with fresh juices at their homes (Strailey, 2014). Natural and organic beverages continue to see sales growth, while they accounted for only 6.6% of the total beverage category, while health beverages drove 31% of the dollar growth. Increased interest in green juices has been observed as people look to add more fruits and vegetables to their diet (Acosta, 2016).

In studies of purchase intentions of health drinks, buyers would go a long way in helping the companies to identify the optimum mix of ingredients which a customer expects in the product. This can also be of much help for successful product development and enactment of effective advertising campaigns (Johnson, 2002). Moreover, Indian consumers differ from consumers in other countries in terms of perception and importance attached to product attributes. Thus, it is meaningful to investigate and analyze customers' preference for health drinks (Duffey & Popkin, 2006).

A research study conducted on global food and drink trends 2017 by Mintel group as a research project discovered that there was a 257% increase in vegan beverages and food 'new products launches' in 2016 when compared to 2011, as the awareness and health-consciousness grew in the minds of consumers.

Kumar (2010) mentioned that packaging of health drinks influenced the purchase decisions of consumers. Another study concluded that the sales of fruit juices were highly influenced by the packaging (Ježovičová, Turčínková, & Drexler, 2016). Packaging played a significant role in communication and promotion of the brands (Silayoi & Speece, 2007). In the food and beverage industry, consumers' attitude towards brands were majorly influenced by the packaging of the products (Hawkes, 2010). Silayoi and Speece (2004) called packaging as 'salesman on the self,' highlighting the importance of packaging.

Gender, marital status, education, occupation, income, etc. was not influenced by the satisfaction of the customers (Sekar & Thangavel, 2016). Ali and Mohamed (2015) uncovered that there were essentially three factors that influenced the choice of drinks like - taste, market or advertisements, and health. It is important for a marketer to focus on the target market, and advertisements should be intertwined around the target audience (Haque, Ahmed, & Jahan, 2009). It is essential for the manufacturers to supply tastier health beverages with different flavors at benchmarking prices, but they should not compromise on the standards and quality norms of the health drinks.

In a research conducted by Thangaraj, Prakash, and Nandhini (2014), it was concluded that consumer decision of the consumption of health drinks was self-initiated and was not majorly influenced by friends, peers, and family members. Buxton and Hagan (2012) revealed that 54% of the consumers consumed health drinks after physical work outs to restore their energy. Another study also concluded that health drinks reduced tiredness and increased one's stamina (Badaam & Masroor, 2013).

Another study strongly suggested that a consumer chooses brands, which are highly based on brand loyalty. Atwal and Williams (2008) observed that experiential marketing viewed consumers as emotional beings in which brands were engrossed with consumers through deep, meaningful, and tangible experiences. Those who market experientially will achieve an assertable competitive advantage. Ali and Mohamed (2015) observed that the other factors considered by the consumers while purchasing health drinks were : availability, quality, colour, and taste. The study concluded Horlicks as the most accepted malt beverage due to its outstanding brand loyalty along with colour, price, taste, and the shelf life of the product in the stores.

Methodology

The present study is an empirical study based on primary data collected from 432 respondents of South Bengaluru in the state of Karnataka through a structured questionnaire. The research was conducted during September - December 2017. The respondents were asked to provide the data on a 5 - point Likert scale ; wherein they were supposed to mark the level of *strong agreement* to the level of *strong disagreement* with statements regarding the 32 attributes towards purchase intentions of health drinks.

The respondents were selected based on the convenience sampling technique. The collected data were critically examined with the help of statistical tools such as percentage analysis, regression analysis, and factor analysis approach. The Table 1 presents the details regarding the demographic profile of the respondents.

Table 1. Demographic Profile of the Respondents

Variables	Frequency	Percentage (%)
GENDER		
Male	198	46
Female	234	54
Total	432	100
AGE GROUP		
< 25 Years	98	23
26 - 40 years	124	29
41 - 60 years	136	31
Over 60 Years	74	17
Total	432	100
INCOME LEVEL (PER MONTH)		
Below ₹ 20000	134	31
₹ 20000 - ₹ 30000	123	28
Above ₹ 30000	175	41
Total	432	100
OCCUPATION		
Profession	111	26
Service	139	32
Business	124	29
Others	58	13
Total	432	100
CONSUMPTION OF HEALTH DRINKS PER WEEK		
Vegetable Juice	86	20
Milk-Based Drinks	134	31
Green Tea	91	21
Fruit Juice	121	28
Total	432	100

Data Analysis and Results

The KMO measures the sampling adequacy (which determines if the responses given with the sample are adequate or not) which should be close than 0.5 for a satisfactory factor analysis to proceed. Kaiser (1974) recommended 0.5

Table 2. KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.708
Bartlett's Test of Sphericity	Approx. Chi-Square	11251.488
	<i>Df</i>	496
	Sig.	.000

Table 3. Communalities

Variables	Extraction
Energy drinks mean youth and strength.	.893
Athletes and celebrities drink them, so do I.	.904
Commercials say: "Energy drinks boost energy." So, I drink them.	.562
Prefer in pubs and clubs.	.616
I prefer health drinks to mix with any other drink while drinking.	.898
Prefer it as a hangover cure.	.931
Will sometimes take health drinks as alternative food.	.565
My friends influenced me.	.854
My family influenced me.	.569
Drink because doctors suggest.	.923
Always prefer along with meals.	.898
Prefer at home.	.878
Prefer during work/college.	.874
To improve my mood.	.916
I drink them without specific reason.	.856
I prefer these while chilling out with friends.	.518
To stay awake.	.892
Will help me to drive more distance for long time.	.852
Will help me to work for longer hours.	.907
To get more energy.	.870
Boost performance during exercise.	.910
Improves concentration and memory.	.537
To hydrate my body.	.882
They have a lot of nutritional value.	.927
I consume health drinks because these yield positive health results.	.608
For weight loss purposes.	.500
Their taste is so delicious.	.872
They have more flavours.	.883
Packaged drinks are more accessible than freshly made juices.	.609
I prefer packaged drinks over freshly made juices.	.856
I consider and compare prices before opting for health drinks.	.888
The prices of health drinks are low.	.519

Table 4. Rotated Component Matrix^a

Factors	Components			
	1	2	3	4
Energy drinks mean youth and strength.	.190	.147	.135	.864
Athletes and celebrities drink them, so do I.	.117	.915	.131	.024
Commercials say: "Energy drinks boost energy." So, I drink them.	.132	.133	.984	-.156
Prefer in pubs and clubs.	.149	.088	.700	.053
I prefer health drinks to mix with any other drink while drinking.	.098	.918	.045	.087
Prefer it as a hangover cure.	.133	.927	.081	.091
Will sometimes take health drinks as alternative food.	.785	.009	.005	.086
My friends influenced me.	.153	.073	.872	.088
My family influenced me.	.207	.846	.443	.259
Drink because doctors suggest.	.136	.910	.072	.124
Always prefer along with meals.	.108	.196	.898	.080
Prefer at home.	.060	.927	-.021	.088
Prefer during work/college.	.164	.100	.896	.094
To improve my mood.	.872	.134	.169	.122
I drink them without specific reason.	.174	.056	.862	.124
I prefer these while chilling out with friends.	.390	.720	-.042	.090
To stay awake.	.860	.129	.161	.124
Will help me to drive more distance for long time.	.280	.141	.789	.163
Will help me to work for longer hours.	.176	.126	.142	.873
To get more energy.	.841	.140	.158	.151
Boost performance during exercise.	.107	.033	.928	.067
Improves concentration and memory.	.424	.776	.192	.055
To hydrate my body.	.040	.021	.163	.899
They have a lot of nutritional value.	.118	.197	.040	.919
I consume health drinks because these yield positive health results.	.995	.109	-.088	.526
For weight loss purposes.	.133	.850	.284	.092
Their taste is so delicious.	.278	.075	.036	.808
They have more flavours.	.124	-.011	.052	.898
Packaged drinks are more accessible than freshly made juices.	.112	.168	-.102	.746
I prefer packaged drinks over freshly made juices.	.219	.059	.126	.866
I consider and compare prices before opting for health drinks.	.044	.086	.175	.895
The prices of health drinks are low.	.004	.730	.360	.044

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

^a. Rotation converged in 9 iterations.

(value for KMO) as the minimum (barely accepted) value, values between 0.7 - 0.8 are acceptable, and values above 0.9 are superb. Looking at the Table 2, the KMO measure is 0.718, which is in between 0.7 - 0.8, and therefore, can be accepted (Table 2). The Bartlett's test of sphericity depicts chi-square value of 11251.488, which is significant at the 1% level of significance. It is another indication of the strength of the relationship among the

variables. From the same table, we can see that the Bartlett's test of sphericity is significant (0.00), which is less than the significance level of 0.050. The Table 2 highlights the results of KMO and Bartlett's test of sphericity.

The next item from the output is a table of communalities which shows how much of the variance (i.e. the communality value which should be more than 0.5 to be considered for further analysis. Else, these variables are to be removed from further steps of factor analysis) in the variables has been accounted for by the extracted factors. For instance, over 90% of the variance in “nutritional value” is accounted for, while 50% of the variance in “weight loss purposes” is accounted for. The variance for all the factors is above 0.5. So, all the variables can be taken for further analysis (Table 3).

Table 5. Consolidated Factor Output

Factor No.	Variables	Factor Name
F1	Energy drinks mean youth and strength. Athletes and celebrities drink them, so do I. Commercials say: "Energy drinks boost my energy." So, I drink them.	Advertisement
F2	Prefer in pubs and clubs. I prefer health drinks to mix with any other drink while drinking. Prefer it as a hangover cure. Will sometimes take health drinks as alternative food.	Support Drink
F3	My friends influenced me. My family influenced me.	Influence
F4	Drink because doctors suggest. Always prefer along with meals. Prefer at home. Prefer during work/college.	Lifestyle
F5	To improve my mood. I drink them without specific reason. I prefer while chilling out with friends.	Relaxation
F6	To stay awake. Will help me to drive more distance for long time. Will help me to work for longer hours.	Activeness
F7	To get more energy. Boost performance during exercise. Improves concentration and memory.	Arousal
F8	To hydrate my body. They have a lot of nutritional value. I consume health drinks because these yield positive health results.	Consciousness
F9	For weight loss purposes. Their taste is so delicious. They have more flavours.	Taste
F10	Packaged drinks are more accessible than freshly made juices. I prefer packaged drinks over freshly made juices.	Packaging
F11	I consider and compare prices before opting for health drinks. The prices of health drinks are low.	Price

The Table 4 reveals the factors that have been identified with different values. The Table 5 not only shows the factor names, but also reveals the combination of factors grouped under each single factor.

The variables such as youth and strength, athletes and celebrities, energy drinks boost my energy are combined into one single factor called 'Advertisement' (Factor 1) and have factor loadings of 0.864, 0.915, and 0.984. Haque et al. (2009) also stated that it is important for a promoter to focus on a specific target market, and advertisements should be intertwined around the target audience. Factor 2 consists of four variables - prefer in pubs and clubs, mix

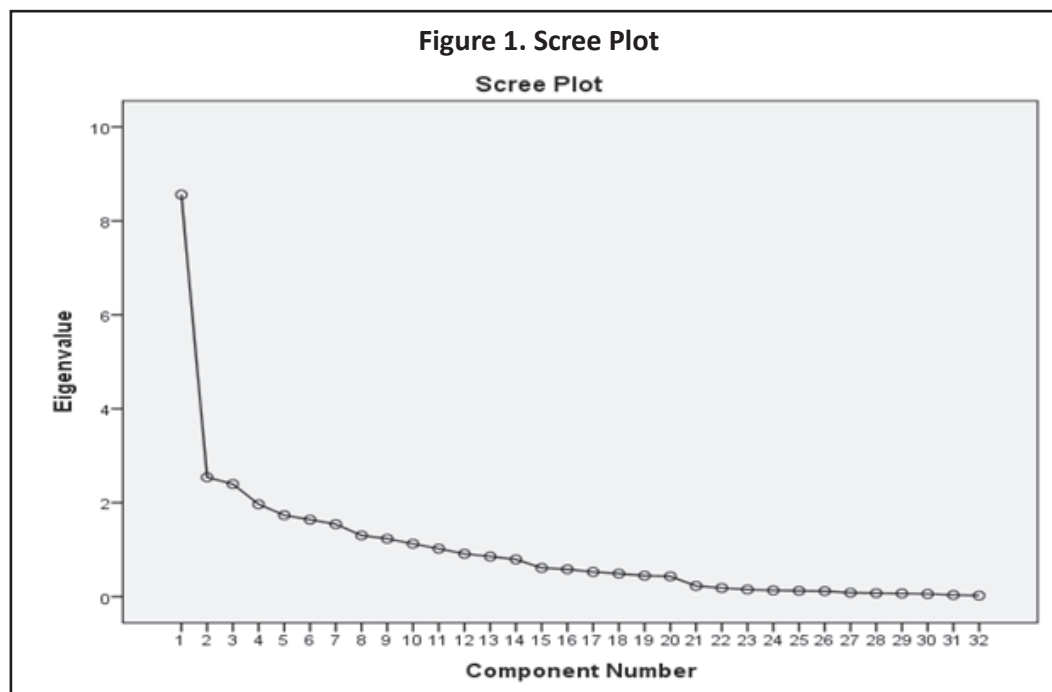
Table 6. Total Variance Explained

Component	Initial Eigen values			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	8.559	26.747	26.747	8.559	26.747	26.747	3.475	10.859	10.859
2	2.541	7.941	34.688	2.541	7.941	34.688	2.903	9.071	19.930
3	2.398	7.494	42.182	2.398	7.494	42.182	2.483	7.761	27.691
4	1.967	6.147	48.329	1.967	6.147	48.329	2.192	6.851	34.541
5	1.734	5.419	53.747	1.734	5.419	53.747	2.152	6.724	41.265
6	1.639	5.122	58.870	1.639	5.122	58.870	2.095	6.547	47.811
7	1.543	4.823	63.692	1.543	4.823	63.692	2.093	6.541	54.353
8	1.304	4.074	67.766	1.304	4.074	67.766	2.023	6.321	60.674
9	1.233	3.853	71.619	1.233	3.853	71.619	1.980	6.188	66.862
10	1.125	3.516	75.136	1.125	3.516	75.136	1.840	5.751	72.613
11	1.022	3.194	78.329	1.022	3.194	78.329	1.829	5.716	78.329
12	.912	2.851	81.180						
13	.854	2.670	83.850						
14	.793	2.479	86.329						
15	.612	1.912	88.241						
16	.583	1.823	90.064						
17	.527	1.645	91.709						
18	.491	1.534	93.243						
19	.447	1.396	94.640						
20	.432	1.349	95.989						
21	.229	.716	96.705						
22	.184	.576	97.282						
23	.151	.472	97.754						
24	.133	.417	98.170						
25	.125	.392	98.562						
26	.119	.372	98.934						
27	.083	.260	99.194						
28	.074	.230	99.425						
29	.069	.214	99.639						
30	.058	.181	99.820						
31	.035	.109	99.929						
32	.023	.071	100.000						

Extraction Method: Principal Component Analysis.

with any other drink, prefer it as a hangover cure, health drinks as alternative food with factor loadings of 0.700, 0.918, 0.927, and 0.785. This factor is named as 'Support Drink' (Factor 2). The variables such as my friends influenced me, my family influenced me, because doctors suggested are clubbed into a factor named 'Influence' (Factor 3) having factor loadings of 0.872, 0.846, and 0.910. The Factor 4 - 'Lifestyle' constitutes of three variables - prefer along with meals, prefer at home, prefer during work/college, having high loadings of 0.898, 0.927, and 0.896, respectively. The variables namely, to improve my mood, I drink without specific reason, I prefer while chilling out with friends have high loadings of 0.872, 0.862, and 0.720, which are combined into a single factor called 'Relaxation' (Factor 5). Factor 6 consists of the variables - to stay awake, drive more distance for long time, work for longer hours with high loadings of 0.860, 0.789, and 0.873, respectively and the clubbing of these three variables constitute the factor - 'Activeness'. The variables namely, to get more energy, boost performance during exercise, improves concentration and memory have high loadings of 0.841, 0.928, and 0.776, respectively and are combined and termed as 'Arousal' (Factor 7). Factor 8 constitutes of the variables - to hydrate my body, nutritional value, positive health results, and weight loss purposes with factor loadings of 0.899, 0.919, 0.995, and 0.850, respectively and the clubbing of these variables are named as the factor 'Consciousness'. The variables - their taste is so delicious and they have more flavors have factor loadings of 0.808 and 0.898 and are clubbed into a single factor called 'Taste' (Factor 9). Similar results were also obtained by Prakash (2011) regarding the factors influencing consumer buying behavior in the purchase of health drinks, which included flavor, taste, and energy. The variables - accessibility and packaged drinks are combined into one single factor named as 'Packaging' (Factor 10) with factor loadings of 0.746 and 0.866, which was also endorsed by Wells (2000) as extrinsic factors included price, country of manufacturing, packaging appeals to consumers to buy a particular health drink. The last two variables namely, compare prices before opting for health drinks and prices of health drinks are low are combined into one single factor called 'Price' (Factor 11) with high loadings of 0.895 and 0.730. It is observed that the 11 factors that are extracted together account for 78.32% of the variance, as shown in the Table 6.

The Eigen value actually reflects the number of extracted factors whose sum should be equal to the number of items, which are subjected to factor analysis. The next item shows all the factors extractable from the analysis along with their Eigen values.



The Eigen value table has been divided into three sub-sections, that is, initial Eigen values, extracted sums of squared loadings, and rotation of sums of squared loadings. For analysis and interpretation purposes, we are only concerned with extracted sums of squared loadings. The first factor accounts for 26.747% of the variance, the second : 34.688%, the third : 42.182%, the fourth : 48.329%, the fifth : 53.747%, the sixth : 58.870%, the seventh : 63.692%, the eighth : 67.766%, the ninth : 71.619%, the tenth : 75.136%, and the eleventh factor : 78.329%. The total variation accounted for by these 11 factors is 78.32%, which is found to be satisfactory, and hence, it benefits the validity of the study (Table 6).

The scree plot (Figure 1) is a graph of the Eigen values against all the factors. The graph is useful for determining how many factors are to be retained. The point of interest is where the curve starts to flatten. It can be seen that the curve begins to flatten between Factors 11 and 12. Note that Factor 11 onwards have an Eigen value of less than 1, so only 11 factors have been retained in the study.

Regression Analysis

Regression analysis was applied to assess the impact of these 11 factors of consumer buying behavior on health drinks. Here, stepwise regression is used to select the best grouping of predictor variables that account for the most variance in the outcome (R -squared). It is useful in an exploratory analysis or when testing for associations. It is used to generate incremental validity evidence in psychometrics. The primary goal of this is to build the best model; given the predictor variables, we want to test that account for the most variance in the outcome variable (R -squared). The results of the stepwise regression are shown in the Table 7. It is evident from the Table 7 that the Factor 1 'Activeness' followed by Factor 6 exert a significant impact on the consumer purchase intention (t -stat of 24.344 with p -value of 0.000). It commands a strong position in impacting the purchase intentions of consumers. The second important factor 'Relaxation' (Factor 5) which improves the mood of the consumer after drinking various health drinks, having t -stat value of 12.16 and significance value of 0.000 also impacts the purchase

Table 7. Results of Stepwise Regression on Various Combinations of Independent Variables

Independent Variables	Activeness		Relaxation		Packaging		Arousal		Advertisement		Consciousness		Taste	
	R^2	t -stat	R^2	t -stat	R^2	t -stat	R^2	t -stat	R^2	t -stat	R^2	t -stat	R^2	t -stat
Activeness	.580	24.344	.687	12.796	.740	8.050	.769	6.135	.786	8.082	.796	9.146	.809	9.900
		.000		.000		.000		.000		.000		.000		.000
Relaxation			12.16	10.900		7.788		8.275		9.195		8.892		
				.000		.000		.000		.000		.000		.000
Packaging					9.522	9.249		8.669		9.253		9.950		
						.000		.000		.000		.000		.000
Arousal							7.066	8.987		8.556		8.460		
							.001	.000		.000		.000		.000
Advertisement									5.749	5.214		5.700		
									.000	.000		.000		.000
Consciousness											4.726	5.876		
											.002	.000		
Taste													4.465	
													.003	

Note: All values are significant at the 1% level of significance.

intentions. Factor 11 - 'Packaging' and Factor 7 - 'Arousal' show t - stat values of 9.522 and 7.066, which states that health drinks improve concentration and energy as compared to other drinks, and packaged drinks are more accessible over freshly made juices. The significance level of the factor 'Advertisement' (Factor 1) is 0.000 and that of 'Health Consciousness' (Factor 8) is 0.002. Research provides evidence that consumers prefer health drinks because these have more nutritional value. The last factor 'Taste' (Factor 9) shows a t - stat value of 4.465 and significance level of 0.003. The results show that seven factors considered in the study collectively explain 80.9% of the variance in consumer purchase intention.

Discussion and Conclusion

In the evolving beverage industry, a significant role is played by health drinks in the Indian market. This study examined various factors that influenced consumers' purchase intention of health drinks. From this study, it is concluded that the most preferred health drinks in Bengaluru were milk-based drinks with 31% consumption rate, a finding which is supported by a study on milk based malted health drinks conducted by Srivastava and Ghufra (2013) which disclosed that malted beverages positioned themselves as substitutes for milk followed by health drink preference for fruit juices (28%), which was also emphasized by Acosta (2016) as people are looking to add more fruits and vegetables to their diet, which improves green juice consumption, followed by preference for green tea (21%), a finding which is backed by the study of Craford (2015) as she revealed that an increase in consumption of green tea was more likely to associate with health benefits when compared with consumption of white or black or oolong teas and vegetable juices (20%).

The factors that impacted consumers' preference of health drinks are : Advertisement, Support Drink, Influence, Location, Relaxation, Activeness, Arousal, Health - Consciousness, Taste, Price, and Packaging. This study further concludes that Activeness, Relaxation, Packaging, Arousal, Advertisement, Health - Consciousness, and Taste were given utmost priority while preferring various health drinks. The advanced statistical tools help to distinguish the major factors influencing the purchase intentions. The 'Activeness' factor is a combined analysis of preference factors like - helps to work for longer hours, to stay awake, and to drive more distance for longer time, which is marked as the presiding factor in this study.

Managerial Implications

It has become a challenging factor for marketers to identify the consumer purchase intentions towards health drinks. This paper aims to quench the thirst of marketers for identifying the consumer intentions behind the purchase of health drinks. We strongly believe that this study will give solutions to the marketers to identify the strategic and innovative market approaches accordingly. With perfect, dynamic, and evolving market conditions of the health drink industry in the Indian scenario, it is necessary for the marketers to target and grab the market share by identifying the underlying factors influencing the consumer purchase decision making. This research will be helpful for the innovation teams to penetrate into the right market segments and position their health drinks. The manufacturers and sellers can arrive at creative promotional strategies underlying the theme - Activeness (as the most-favored factor) - to be the output of consumption. The next impactful factor observed included Relaxation, which included components like - mood improvement, consumed while chilling out with friends, which can be further promoted for better market attraction. The other preferred factors like Packaging, Arousal, Advertisement, Health - Consciousness, and Taste can also be captured while promoting the health drinks.

Limitations of the Study and Scope for Future Research

Of the primary data collected, the questionnaires were distributed only in South Bengaluru city as the area of the study. The data were collected in a very limited span of 15 weeks. As most of the respondents in the study did not maintain the records to show the exact expenditure and frequency of purchases and reasons, the information suffers from a recall bias.

This study only considered four health drinks which included milk-based drinks, fruit juices, vegetable juices, and green tea. Future studies can be included with other categories of health drinks, like ayurvedic, herbal, medicated, protein drinks, etc. Further studies can also exclusively be conducted on perceptions of different age groups on health drinks and their consumption patterns. As this study was conducted in only South-Bangalore, other locations can also be explored.

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