

ANALYSIS OF CONSUMER BEHAVIOR OF FRESH FRUIT AND VEGETABLES (FFV) WHEN SELECTING THE PURCHASE PLACE: A COMPARATIVE STUDY IN TWO BRAZILIAN CITIES

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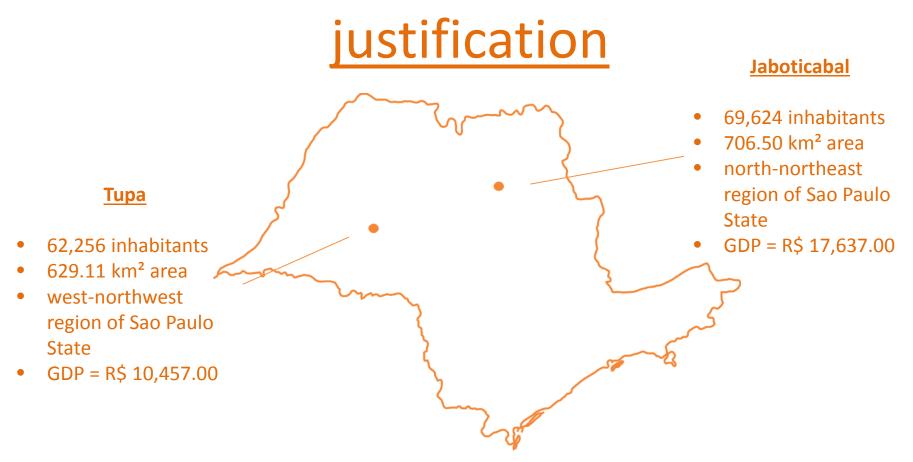
<u>objectives</u>

 General: analyze consumer behavior of FFV in two Brazilian cities of São Paulo State, Tupa and Jaboticabal, in relation to their desires and needs, and determine the factors that influence decision making when selecting of the purchase place.

Specifics:

- identify the demographic and socioeconomic profiles of the farmers' market, "varejão" and supermarket visitors in both cities;
- classify the retail equipment according to the target audience and the mix of products offered;
- identify the visitors' spending habits in different retail equipment; and
- identify the factors that influence consumer decision making in determining the purchase place of the FFV.





Since economic factors can influence the consumer purchasing behavior, it is believed that the differences between these two cities with regard to economic activities and GDP per capita, may lead to a different purchasing behavior



method of research

- It were identified retail equipment, divided into days and different locations, in the case of farmers' markets, different sizes and city's regions, in the case of supermarkets and "varejão":
 - <u>TUPA</u>: 2 midsize farmers' markets, 9 supermarkets (4 midsize and 5 small), and 1 midsize "varejão", totaling 12 locations;
 - JABOTICABAL: 1 small farmers' market, 1 municipal market (small), 8 supermarkets (6 midsize and 2 small), and 5 "varejão" (1 midsize and 4 small), totaling 15 locations.
- Data collection semi-structured questionnaires with closed multiple choice questions, aimed at 15-year-old people over, without distinction of gender or social class, living in both cities.
- The sampling technique adopted was non-probabilistic and was based on convenience, consisted of 340 people: 155 in Tupa and 185 Jaboticabal.



farmers' market



"varejão"

municipal market



supermarket















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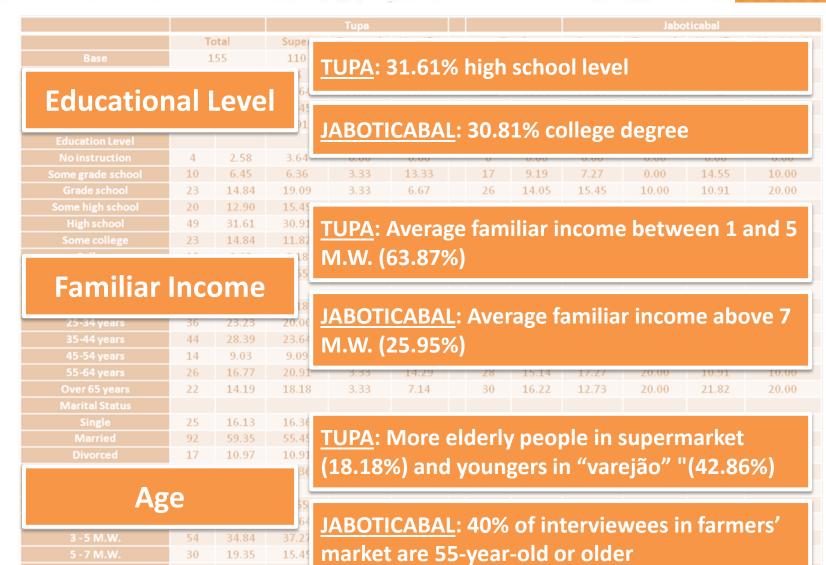
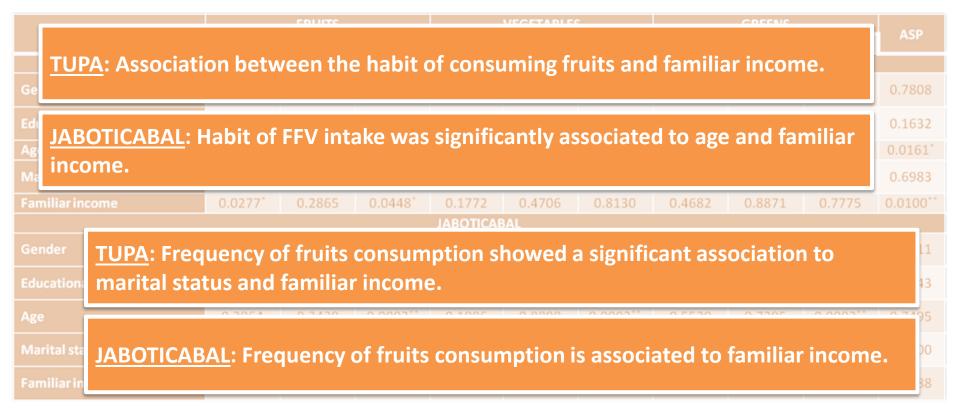




TABLE 2. Results of chi-square test of association between profile variables and consumption habits variables, Tupa and Jaboticabal (*p*-values).



<u>TUPA</u>: Average spending amount per purchase is significantly associated to age and familiar income.



Advantages of retail, according consumers' point of view, Tupa.

Quality of products

Reliability in origin

Food with less pesticide

Possibility of tasting

Supermarkets: Reliability in origin

Farmers' market and "Varejão": Greater variety of products

Advantages of retail, according consumers' point of view, Jaboticabal.

Freshness of food

Quality of products

Reliability in origin

Supermarkets and "Varejão": Reliability in origin

Farmers' market:
Best price

Municipal Market: Food with less pesticide



TABLE 5. Results of chi-square test of association between profile variables and attributes variables of retail equipment (perception of the purchase place, by the interviewees), Tupa and Jaboticabal (*p*-values).

					ASPECTS CO	ONSIDERED				
PROFILE VARIABLES	НС	VP	FF	PA	QP	RO	LP	HF	BP	P1
				TUPA						
nder	0.0279*	0.4281	0.8071	0.7184	0.5209	0.6343	0.6083	0.6272	0.2358	0.56
TUPA: Conce	rns abou	ut Hygie	ene/Clea	aning of	produc	ts was a	issociate	ed to Ge	ender.	0.13
										0.20
JABOTICABA	I · Conce	rns aho	ut Hygid	ene/Cle	aning o	fprodu	rts was	associat	ed to	0.57
JADO HCADA	L. COIICE		MI IIYSI				7 7 2 7 7 7 7			
milia			,0							0.035
Age.			,0	·).035
Age.	0.7547	0.4802	0.1612	0.2881	0.6825	0.7558	0.6266	0.9425	0.3371	
Age.	0.7547	0.4802	0.1612	0.2881	0.6825	0.7558	0.6266	0.9425	0.3371	0.47
Age.										0.47
Age.	0.7547	0.4802	0.1612	0.2881	0.6825	0.7558	0.6266	0.9425	0.3371	0.47
Age. ucational level	0.7547	0.4802	0.1612	0.2881	0.6825	0.7558	0.6266	0.9425	0.3371	0.47
Age. ucational level TUPA: Conce	0.7547	0.4802 0.5271 ut price	0.1612 0.4474 was ass	0.2881 0.3378 0.4050	0.6825 0.4930 to Age.	0.7558	0.6266	0.9425	0.3371	0.47 0.83 0.15 0.34

LABEL:

**: Significant at 1%

HC: Hygiene/cleaning of products

VP: Variety of products

FF: Freshness of food

PA: Product appearance

QP: Quality of products

RO: Reliability in origin

LP: Food with less pesticide

HF: Healthier food

BP: Best price

PT: Possibility of tasting

^{*:} Significant at 5%

Characterization of retail equipment in Tupa

Farmers' markets show presence of consumers with higher income and higher spends per purchase, when compared to profiles in supermarkets and "varejão".

Characterization of retail equipment in Jaboticabal

Supermarkets show retired consumers, with higher income and higher spends per purchase, when compared with others retail equipment.



conclusions

 In general, consumer habits observed are similar in both cities surveyed, suggesting that the difference in income levels does not affect the behavior and FFV intake.

<u>TUPA</u>: female, with high school, aged between 35 and 44, married and with a familiar income between 3 and 5 minimum wage.

JABOTICABAL: female, with college, between 35 and 44 years, married and with a familiar income above 7 minimum wages.

TUPA: Spend on average between R\$10.00 and R\$20.00 per purchase.

JABOTICABAL: Most interviewees spend over R\$40.00 per purchase.



conclusions

• The mix of products offered at retail equipment in both cities was a little different.

<u>TUPA</u>: traditional products in larger quantities and products with little or no processing.

JABOTICABAL: minimally processed products and exotic fruits (with higher frequency), showing greater available income of the population.



THANK YOU

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