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to: Minto Waluyo

Dear Author,

We are pleased to inform you that your paper entitled "The model and the effect of supply Chain variable on Marketing Performance and the Advantage of sustainable competition, a case study conducted in Wedoro - Sidoarjo, East Java" was reviewed by 2 reviewers and got positive opinion. This, paper has been accepted for publication at the peer-reviewed "International Journal of Academic Research", Baku, Azerbaijan to be published in January 31, 2012.

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THE MODEL AND THE EFFECT OF SUPPLY CHAIN VARIABLE ON MARKETING PERFORMANCE AND THE ADVANTAGE OF SUSTAINABLE COMPETITION

By Minto Waluyo

THE MODEL AND THE EFFECT OF SUPPLY CHAIN VARIABLE ON MARKETING PERFORMANCE AND THE ADVANTAGE OF SUSTAINABLE COMPETITION

A CASE STUDY CONDUCTED IN WEDORO - SIDOARJO, EAST JAVA

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Abstract

This paper reports about the improvement of model started from the analysis step of measurement, structural equation, and the modelination of model. The method employed was field research which was comment up to simulation repolating. The result showed that the model obtained was quite proof. Meanwhile, the Bupply Chain from the suppliers, manufacturem, distributions, and sustainers to the marketing performance and the advertisge of translational competition were also population.

Key words: SEM VARIABLE SCHEET CHAIN WARRETING PERFORMANCE AND ADVENTAGE OF BUSTAINABLE COMPETITION

1. INTRODUCTION

East Java is a prospective www which is supported by some good facture, such as social social, economic growth, and well second. There is one village named Window that belongs to Kabupaten Sidowyo, is one industrial area of stress and section. The sees is farming for its regional stropping place for stress and each section. The place is also said as any of the accounts methystics or Sidowyo. This immittion must be sustained started from today due to the fact that this atmosphere has become the occanomic resources required by many people. This attracted the researcher to conduct the research on the shoe and sundal industry by making a condition model started from the expert chain vertable that consists of suppliers, manufacturers, distribution, sustainers, manufacturers, and the advantage of suppliers because the process run affectivety, afficiently, and productively, on that this model might be useful to represent a good strategy and fecturings of a business.

Based on the observation in the field there are 5 kinds of suppliers in the stype and sendal industry. They are supplier to reather (XP), accessories supplier (XZ), so supplier (XE) years supplier (XE), and glue supplier (XE). Among these 5 suppliers, and and accessories suppliers to not often satisfy and adjust to the order (demand). This condition might cause the process of production become hampered. This could trappen tiecause the two materials required were dependent. The hampered problem could also happen for the half-freshed product. This could be intown that the demand (order) was higher than the production however, the problem did not only happen in terms of the supplier and manufacturing tax sens in the gloods destination. For example, when there was the newest traid model (up-to-date), usually, the continuity tooy in a great number to result to a smaller number. And they want the payment hystem straids be in soft payment (not in cash). This means that they want to pay the gloods after the gloods are sold out. However, it repts happen that the payment could be delayed if the continue, global safe offer Sons other competitions who provide a fair price. This product was usually imported from China which was promitted very reconstantly. This might affect to the marketing performance, and the advantage of surfaceable competition. Therefore, the problems competition therefore, the problems competition.

Concerning with the expansion above, it is known that there is a close randon among those variables of Supply Chain Management (SCM). Moreover, marketing performance that becomes the authorisment of organization can be seen from the work result of merieting. [1]. Therefore, if marketing performance is expanted by a suitable inflication, the sustainable competitive infrariage will be achieved. This shows that there is an effect and relationship between waiteting performance and auctamobic competitive advantage (2). This means that manieting performance will influence sustainable competitive advantage. Wearontale, manusting performance as an indicator is measured from the growth of safety and customer, the nature of safety information system, work contraction, and customer safetypasse. [1]

The sustainable competitive odvantage is measured from the quality of product, competitive price, and the varieties of products awaitable. Leather, as one of the variaties, the purchasing process can be measured from the appropriateness of the quality color, competitive price. The amount required, and the consider of leather which should consist of artificial and original. Following Kotter & Susanto [4], for the variable of accessories, the purchasing process is measured from its quality, price, and appropriateness of the quantity when fivey are received by the company in the sof variable, the purchasing process is measured from the type of plants, sponge. The competitive price cutilize here and the ordering process should be appropriate with the quantity when these guests are received.

Moreover for the give variable. The purchasing process is measured from its quality, price, and the ordering process should be agreement when it is quality, and the delivering process should be adjusted to the quarity of the order.

The manufacturing variable was made from the finished product and half-finished product. The finished product was the final product of manufacturing process that was mady to be marketed (sold) to the customers. The contains of finished product was measured from the appropriateness of the number of products, model, quality, and competitive price [1]. Meanwhile, the half-finished product was the product made from the tax meseral into product that still needs to be competed into final product. The variable of half-finished product was invasional from the appropriateness of the number. The specification, quality, and conspetitive price [1].

Distribution variable was conducted from distribution and sub-distribution. Distribution was measured from the savice, the expensive distribution relation, and competitive price. While the sub-distribution was measured from the service and competitive price [6]. The customer variable was measured from the color, model, price, and quality (3).

The quantum is then "How good ere the model and the effect of supplier cultable, manufacturer, doubtains and quantumer to the marketing performance and quality competitive advertage?"

The objective of this research was to get to know about the model and the variable effect of supplier, improfessionable competitive advantage. To exhibite the purpose, the researcher recommended some strategy and business facts in order to lesso an its exactions.

2. Material and Methodings

Received Date

The questioners were given to both competent entrepreneurs and professions to be member of seasonaters of shall an extra uniform to the extrapolation of the entrepreneurs and the configuration of the entrepreneurs and the configuration to the competent and the configuration became the subject, and the association and the craftsman became the object of the study. The questioners were given to 120 undergraneurs and orationers who were very opocerned with the above and candid association in Weders. However, having been in relevoistigated, there were any 150 questioners that consisted of complete risks. Therefore, the number of cample required in this research was 100 camples. This quantity had fulfilled the assumption requirement of manufacture that needed the number of cample out less than 100 [7.5]. The measuring oblice required was 7 (seven) digits [9].

The rent step was the betection of input matrix and estimates technique to the entiret that was hart. After the estimates was undertaked in fact, it could not be estimated as "Warning Error" occurred. Therefore, it was required some steps to change the signal matrix by assuming the formation variable. that was supplier variable (A1) and could not be arranged from leading variable (A1), accessories variable (A2), and warstle (A3), year variable (A4), and glue variable (A3). Types 3 constructions were Unobserved Europeanus. After that, the indicators from those 3 constructions were taken as supplier indicator (A). This could also be done for the formation variable of manufacture and distribution. From this process, it could be obtained, the finding was taken from the concept of 2 steps atto 1 step. While in the new model, it could be unserted the name institution but the national of questioner was affected from the resolution taken from the Jacob matrix of the supplier taken from the process to the resolution of the supplier taken from the resolution of the supplier taken from the second of the second of the supplier taken from the second of the second

The first treatment of Dolf Amor [11], was by conducting the test of measurement model. First lest could be conducted that some attentions required by the researcher did not reflect the permanent variable to maryon, threever, at indicators with the value of C.H. > thebts. This employe could be concluded that these enfoators were puts significant for the dimension of permanent variable being format (7.8). This second treatment was by conducting people structural test. The result could be concluded that the dimensions required by the remainsher did not reflect the permanent variable to be analyzed. The next was by making multipation model. To obtain a good readel, the researcher had to re-entangle the stranger and factor of business. To make a multipation to the data of models about by selecting the highest value, then it was connected. If the result were still less than what we expected, by the same thing to selecting the highest models along order model sould be otherward [12].

2. PERULTS

Test model after the change from one step for step so 2.1. Measurement Model

Table 1 Southers of FV and Cirl of Value

Citteria Mode Fest Resulta		Complyate	Televination.	
K ^o Che square	761,3268	Small all with of # 650 and 0 0 = 0.05 to 7.10 4212	Net good	
Protection	0,531	a 0.05	Goerf	
CHACF	5607,790	■ 2.00	two good	
HWSEA	C/pet	u vi.un	Good	
GPI	0,254	1 0.90	funt good	
ASFI	0,777	2 0.90	Nat good	
TEI	0.002	a 0.65	furt good	
CFI	0.1602	10.95	Good	

Sources: Emmary data processed

Tobte 2 Goodsees of Fit and Gut off Value Structural Model

Criteria	Morini Test Results	Critical volum	Information
X ² CN square	712,0013	Der 1 X with at # 725 and it # 0.05 is 788.7904	Groat
Propulition	9,232	5-p rie	Good
Gran/DE	3.701	g 2,0Q	Mrt Good
AMBEA	0,150	9 O De	Mrt Good
min.	0,012	E 0.00	Nut Good
AGRI	0,705	> 0.00	Nat Good
Tial	0.000	2 0.06	Mit Good
GFT .	0.750	2-0,95	Not Gered

Sources: Primary data processed

Table 3 Spechaes of Fit Indiges Modification Model

Criteria	Abodoj Taut Rossitla	Critical system	whirmship
Chi aquev	752,8505	5m1 A'wm at = 745 with a = 0.66 = 369 8087	Good
Probabilitas	0,421	e 2.06	Good
Cmautu	5,03	s 2:00	Good
RMBEA	6,016	e/0,01	Good
GF	0,954	20.00	Good
ASH	0,005	2 0.00	Good
TLI	6.997	s 0.95	Good
an .	0.008	s 0.95	Good

Sources Firmury data processed

Tubel 4 Regression Weight Modification Model

		East mater	100	O.H.		Standardus Rag Weight (f. X)
γİ	ton K	1,010	0.192	0,410	0,000	0.999
y Z	· yt	п вто	0.150	6,774	0.000	0,022
T	en 12	1,110	0,163	7,355	n _i ona	G-man
**	n- y2	11.673	8.113	5,972	0.000	Q. Serie
y S	tion pd	1 (43)	0.342	3.865	0.000	0.804

Sources. Primary data processed

For the firmation variable, suggive could not be prevent because of "Warring Error" or it sould not be estimated by software AMCS it. This could happen because this authorize expelled some lends of instruction to emissive influence European (X1), successories European (X2), Sel European (X3), year Supplier (X4), and give Supplier (X5) that became Unobserved Enringences vertible. This could be expursed whether some measures of those vertibles were throughout an not so that the path degrees that previously used the two-step, then it was changed and

Table 4 showed that Supplier OC positively affected directly as much as 0.000 to the Manufacture with the CR value 5.410. This point was some agrifused as if was higher than s2.011 (this could be seen from table of with dt=48 and Sig 0.001. Its table could be assumed that the point 0.000 wood by meaningful if the Supplier processes as many as 1 unit. This registrouse the commission increase to the manufacture as much as 0.900 times. Each unit was because on the increase of the activity in some indicators of leafler, successions, set, give, and part supplier. According its approprial estimation. The frequency statistication was still specifiered as medium offerior, the contribution needs to be increased.

For the furnished variable, many factors position to be proved because of "Warring Error". Or it could not be estimated by using software AMCO 5(2), because this sufficient deposits of sured instruction to the variable of finished goods (Y 1.7), and the variable of finished goods (Y 1.7) that because the variable of Unobscored Endogenous. This could be assumed that some material was thrown and (this was not formed by the finished goods variable (Y 1.7); and the half-finished goods variable (Y 1.2). The path diagram that was previously used 2-stap it was changed into 1-stap.

Table 4 showed that manufacture (Y.1) directly affected, soutbyely as much as 0,922 and significantly to the destinator, with its C.R. 5.774 that had already been eignificant because if reached up to higher than 2,011(22.24). The tartin reaching up to 0.922 was earl to be majoringful if the manufacture increased as many as 1 unit. This might cause the contribution increased to the distributor as many as 0,922 times. Each unit was focused on the indicator of finished and half-knished goods. According to aggregate estimation, this criterium was still classified medium, so that the contribution needed to be increased.

Furthermore. We formation variable of Distributor (72) could not be proved because of "Warning Error" in other words. It could not be estimated by using software ANDS if because this software expelled the instruction to distributor variable than was concluded by itself (7.2.1). While Distributor variable undertaken by sub-distributor (7.2.2) that became the variable of Choboervald Endogenous could not be forces away so that the path diagram which previously used 2-step. Briefly it was changed into 7-step.

Eatle-4 showed that Cashibutor (V2) directly diffected positively and significantly to the outcome. Actually, within the C.R. 7.333 has already showed the significance because the velut was higher than 2.013(32.24). Meanwhile the result of regression coefficient between distributor and customer was positive with the point 0,995 According to its tacks, this point (0,999) would be meaningful if the distributor increased 0,999 times. Each unit was focus on each distributor indicator. As in appropria estimation, this point was still considered to be medium, the headed to be increased (its contribution needed to be paid more attention) [13].

Table 4 showed that Customer (V3) directly affected positively and agnificantly to the quatumer with its C.R. 3.972. The point had showed agnificantly because the valve was higher than 2.011. Meanwhile, the result of registered coefficient between demonstrated and customer and pushles. The point was 0.068. The facto could be said that the point 0.955 was meaningful if the customer increased as many as 1 and This regist cause the prictions of distribution to the distribution to the distribution to the distribution to the distribution of the manual case of the point of the distribution of the distribution of the distribution of the said of the manual level. Therefore, it resided to be increased and past noise effection.

Table 4 showed that Marketing performance (YA) streetly affected accelerly and significantly to the Sustainable Competitive Advantage (YS). By C.R was 5,950 that had atreetly alrewed eignificantly because its point was higher than 2,011(22/24). Vasirohile the result of regression specifically between marketing performance and acatalostic competitive advantage was positive because its value was 0,906. Therefore, is factic small be said that 0,906 would be meaningful if the modeling performance increased as many as 1 unit. This might sause the increase of contribution to the substangels competitive advantage. Each unit was fluctuared on the indicator of Marketing Performance because according to aggregate estimation. This point was still contribution to be fair (sufficient). Therefore, this point needed to be recreased bits contribution needed to be paid many attentions (10).

This was the first time for the researcher not to fivow out the dimension that had not reflected the permanent runable to be analyzed. This could happen because there was a set of modification in the tool SEM. This condition made its modification model become more complicated. Therefore, it was suggested to the next researcher to those out the un-varid ordinator. Moreover, the researcher found date hoods from to make all indicators be good, it and a should be commercial each other. This means that one indicatry has to keep on coordinating well between one department and professional in the company (one indicatry) wants to keep on its existence. It has to increase its marketing performance and it should have australable competitive advantage. According to the aggregate estimation and evaluation of frequency destribution. He result of the research was all classified medium. This area contribution to the professional competitive advantage. Therefore, this point needed to be increased in the contribution is each to be performed at the profession of Supply Chair Management (SCM). In this case, is good coordination and positive activity on indicator should be well increased to its evaluation.

The model sharing from 2-day into 1-dep regist usure 2 up to 5 of the same indicators amuse. This std not indicator because the indicator used to measure the model was by using the previous data (2-day model). Therefore, that is why the material for the questioner was different from the other. Finally, the variable reliability showed that all variables used had already been reliable because its value was higger than 0.70.

4. Conclusion:

Based on the research conducted in the shoe-served craftimen essentiation hopidal in Repotes. Settlerin, East Jave. If our De concluded as history. Having analyzed the measurement model and shuctural equation modeling, if sould be found that the model was not so good. Therefore, if meets some modelization to make it before model. In this new model. Supplier effects appropriately to the Newsfacture. The Manufacture effects appropriately to the Customer. The Manufacture effects appropriately to the Marketing Performance. The Manufacture Provide appropriately to the Marketing Performance. The Marketing Performance effects agrificantly to the Supplier and Provide appropriate Advantage. At variables in fact provide appropriate effect to order to make its factor freep on its existence. There must be a good population and an activity inclines of all autocates.

REFERENCES

- 1. Sei, L.L. and L. L. Bram. (1997) Management Did And Aplication, McGraw Hit Companies. New York
- Ferdinand, A. 2002, Smithinal Equation Modeling Callett Penelson Merapemer, B.P., UNDP, Temprang.
- Indraff, R.E. Dyskopranoto, R., 2002, Konsep Management Supply Chain. Cara Saru Memoritang Mate Hantal Penyediaan Barang, Graendo, Jakarta.
- Kotter & Susvente, A.B. 2001, Menajemen Permetanen O Antonnes. Buku 2. Persette Satemble Empet. Advanta.
- Assauri, Sofçan, 2002, Mengemen Produkti Dan Operani, Lambaga Penertat Fakunas ekonomi Universitas. Indonesia: Jakarla
- 6. Tiptonic Fandy, 2003. Shalley Personalist Femeral Andl. Yogyakurta.
- Wassys, Winter, 2005. Pandown Dan Aphilian Structural Equation Modeling Busin 1-2. UPIs Press "Veterain" Setter. Surations.
- Walson, Mirto, 2008. Pierribon Dan Applicant Educational Experience Museum Prenerals, Index Jakanta.
- It. Nazir, M. 2005, Medide Penellium, Ghalla fedoresia, Jakarta.
- Watuyi Mirris, 2006, Model Perigenal Varietiel Supplier. Menufactur, Dethilulor den Customer Technologi Kinega Periseseren Yung Discoloreum Pació Kaunggulan Bersang Berkelenjulan, Jurisi Elsekutt – STIE IBMT Surabaya, Hal 464-418.
- 11. Arbuicke, J. L., Woffler, W., 1990. Amus & Diser's Guite, Swall Waters Corporation, Chicago.
- 12. Buttages, M.A. 2001, Managemen Logartik, CV, Hay Musagang, Julianta

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