



## **Influence Strategies and Social Mechanisms in Promoting Manufacturer Flexibility**

**Yasir Munir \***

**Abstract** This study explores the use of influence strategies and social mechanisms by the manufacturer to achieve supplier flexibility. Major components of marketing research of previous studies related to influence strategies and measures flexibility in the supply chain context are used. This empirical study utilized 300 survey samples from senior management at Small Medium Enterprises (SME)s. Results show that using influence strategies has positive effects on supplier mix flexibility. Furthermore, the effects of trust on shared vision is positive on manufacturer flexibility.

**Keywords** *Influence Strategies; Social Mechanisms; Flexibility; SMEs; Supply Chain*

### **1. Introduction**

The ability to maintain a flexible and responsive supply chain is a strategically important capability. As suggested by the literature on manufacturing systems, the flexibility concept is complex, multidimensional, and difficult to summarize (Upton, 1994; Mishra, Pundir and Ganapathy, 2018). The highly competitive manufacturing environment is characterized

---

Received: 25/11/2019      Accepted: 16/09/2020

\* Department of Management Sciences, Bahria University, Pakistan, Email: yamunir@gmail.com

by increasingly sophisticated consumers that demand customized products and short lead times. Several authors have acknowledged the importance of flexibility in meeting customer demands and improving responsiveness (Wang et al., 2019; Vickery et al., 1999; Khalaf and El Mokadem, 2019) to the magnitude that it is now described as a strategic capability (Stentoft, Paulraj, & Vastag, 2015); (Kumar & Singh, 2019); (Krajewski et al., 2005). Flexibility may be defined as the ability to change or react with little penalty in time, effort, cost or performance (Upton D., 1994). Some definitions focus on the durability of relationships, for example, Bodaghi, Jolai and Rabbani (2018) define supply chain flexibility as the elasticity of the buyer-supplier relationship under changing supply conditions. An alternative means of communication, influence strategies are compliance gaining tactics used to motivate the compliance of a target (Frazier & Summers, 1984; Payan & McFarland, 2005). Influence strategies are classified as either coercive or noncoercive. Coercive strategies suggest compliance on the basis of source-controlled rewards and punishments, whereas noncoercive strategies aim to change the attitude of the target (Frazier and Summers, 1984, 1986). Studies on influence strategies have focused on relationships with power (Gelderman, Semeijn, & De Zoete, 2008; Sheu, 2019; Dang, Pham & Wang, 2019), satisfaction (Lai, 2007; Sanzo et al., 2003), relationalism (Boyle, Robicheaux, & Simpson, 1992) and solidarity (Zhan, 2019). Researchers have found that the choice of influence strategies has a significant effect on trading relationships (McFarland & Dixon, 2019; Gelderman et al., 2008; Kumar et al., 2005). Little is known about the effectiveness of influence strategies for promoting supplier flexibility, furthermore the conditions where the link between influence strategies and supplier flexibility is strengthened or weakened have not yet been clearly explored. Long term supply chain effectiveness requires trust, shared values and mutually beneficial

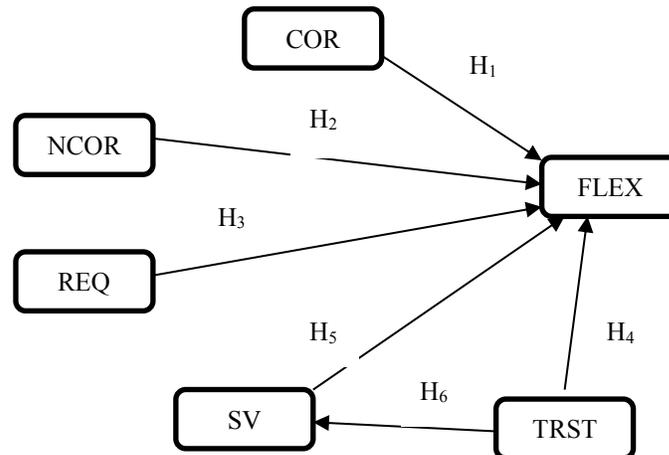
relationships to reduce risk and costs (Allee, 2003; Vasileiou and Morris, 2006). Although the importance of inter-organizational relationships to supply network efficiency and performance is well-documented (Podolyn and Page, 1998; Im, Rai and Lambert, 2019 and Nobeoka, 2000; Onofre and Fynes, 2019), there has been limited research examining the influence of such relationships, and in particular, the social capital they may nurture. The organization of this paper is as follows: first, this study reviews the literature on flexibility, influence strategies, and social mechanisms. The next section contains the development of and testing specific hypotheses. Finally, the article includes a concluding summary of the research findings, implications of the study, followed by a discussion of limitations, and directions for future research.

## 2. Literature Review

In operations management, flexibility is most commonly associated with the literature on Manufacturing Flexibility with seminal papers in the 1980s and 1990s by Slack (1983, 1987); Ibraimi, Bexheti, Zuferi, Rexhepi and Ramadani (2016); Upton (1995). Several studies have reported positive effects of manufacturing flexibility on firm performance, targeting the study of flexibility to intra-organizational components (such as mix, product, volume and routing flexibility) and production environments (Swamidass and Newell, 1987; Mishra, Pundir and Ganapathy, 2018; Vickery et al., 1997). Influence strategies are communicative ways in which a firm (the source) attempts to make a firm with which it does business (the target) comply (Handley, de Jong and Benton, 2019; Dang, Pham & Wang, 2019) and can be classified as either coercive or noncoercive (Frazier & Summers, 1986). Firms use influence strategies to encourage a partner's behavior or decision-making process (Ghijsen, Semeijn, & Ernston, 2010; Spiro & Perreault, 1979) and play a crucial role in interfirm relationships, including marketing channels

and supply chains. Most research argues that noncoercive influence strategy has a greater effect than a coercive influence strategy as the target easily accepts it. However, empirical studies prove mixed and conflicting results. For example, in their meta-analysis, Kang, Asare, Brashear-Alejando, Granot and Li (2018) find that noncoercive influence strategies can foster satisfaction but do not reduce conflict. Other research has found that noncoercive influence strategies exert a positive (Zhan, 2019), negative (Brown et al., 2009; Simpson & Mayo, 1997), or unclear (Payan & McFarland, 2005) effect on relational outcomes or have no effect at all (Boyle et al., 1992). Noncoercive influence strategies (i.e. recommendations and information exchange) primarily center on the beliefs and attitudes of the target firm and involve little direct pressure. Venkatesh, Kohli, and Zaltman (1995) divided influence strategies into three categories from a coercive intensity perspective. These categories include hard coercive influence strategies (i.e. threats and legalistic pleas), soft coercive strategies (i.e., recommendations and promises), and noncoercive strategies (i.e., requests and information exchange). Lai (2009) divided influence strategies into three categories which include hard coercive strategies (including legalistic pleas and threats), promises, and noncoercive strategies (including information exchange, recommendations, and requests). Trust is defined as the willingness to reply on a trading partner in whom one has confidence (Spekman, Kamauff, & Myhr, 1998); (Kim D. W., 2019). Trust is conveyed through faith, reliance, belief, or confidence in the supply chain partner, viewed as the willingness to forego opportunistic behavior (Spekman, Kamauff, & Myhr, 1998). Trust has been considered by many researchers to be the essential factor in most productive partner relationships (Wilson & Vlosky, 1998). Partners who trust one another can find ways to work out difficulties such as power, conflict, and lower profitability. Trust stimulates favorable attitudes and behaviors (Schurr & Ozanne, 1985). Additionally, allowing an outside organization to view

transaction-level data places a premium on trust between trading partners because of the competitive risks associated with access to this data (Young, Carr, & Rainer, 1999). Shared vision between trading partners is defined as the degree of similarity of pattern of shared values and beliefs (Achrol, Scheer, & Stern, 1990). Shared vision is therefore the extent to which partners have beliefs in common about what behaviors, goals, and policies are important or unimportant, appropriate or inappropriate, and right or wrong (Ballou, Gillbert, & Mukherjee, 2000). It is obvious that supply chain members with similar organizational cultures should be more willing to trust their partners. Spekman et al.(1998) even suggest that collaboration within a supply chain can be achieved only to the extent that trading partners share a common world-view. An extension of the framework of Payan and McFarland (2005) is used to develop hypotheses. Figure 1 provides a pictorial representation of the hypotheses.



*Fig. 1.* Effects of Influence Strategies and Social Mechanisms on Supplier Flexibility

- H<sub>1</sub>*: The use of coercive influence strategies has a positive impact on supplier mix flexibility.
- H<sub>2</sub>*: The use of noncoercive influence strategies has a positive impact on supplier mix flexibility.
- H<sub>3</sub>*: The use of request strategy has a positive impact on supplier mix flexibility.
- H<sub>4</sub>*: A manufacturers' trust in its suppliers has a positive impact on supplier mix flexibility.
- H<sub>5</sub>*: Shared vision has a positive impact on supplier mix flexibility.
- H<sub>6</sub>*: A manufacturer's trust in its suppliers will help to develop a shared vision

### 3. Method

This research investigated the relationship between influence strategies, social mechanisms, flexibility and manufacturer performance. A survey of manufacturing firms in Faisalabad was conducted. A questionnaire was pre-tested with 30 top managers from different companies not included in the final study. Based on their responses, several questions were eliminated and reworded. The revised survey instrument was sent to senior managers of 1,200 companies identified from the Faisalabad Chamber of Commerce and Industry (FCCI). Firms represented by these individuals were from Harmonized System (HS) codes 50-63. The harmonized commodity description and coding system is an internationally standardized system of names and numbers to classify traded products. The respondents represented manufacturers of products from silk, wool, cotton, vegetable fibers, manmade filaments, yarns and woven fabrics, manmade staple fibers, wadding, carpets, special woven or tufted fabric, laminated textile fabric, knitted fabric, articles of apparel and made-ups. Survey packet including a cover letter explaining the research objectives, the questionnaire, and a stamped, return-addressed

envelope, was distributed to senior managers of each participating firms. The respondents were asked to select one important supply relationship and to answer all questions referring to this one supplier. As a result, 313 returns were received out of 1,200 questionnaires (26%). After elimination of 13 incomplete questionnaires, the final sample was 300 questionnaires for analysis (25%). The sample size is sufficient for studying the hypothesis developed in the study (Hair J. F., Tatham, Anderson, & Black, 2006). We use Smart PLS 3, which relies on Partial Least Squares (PLS) method to estimate the hypothesized relationships. PLS is prediction oriented and allows the researcher to assess the predictive validity of exogenous variable (Khan, et al., 2019). Hence, our study aims to assess the prediction or explanatory power of antecedent factors (i.e. influence strategies, social mechanisms). In conducting the model estimation, we follow the procedure advocated by Khan, et al., (2019) by evaluating PLS models in two stages: examining the validity and reliability of the structural model and analyzing the structural model. Figure2-3 shows firm demographics.

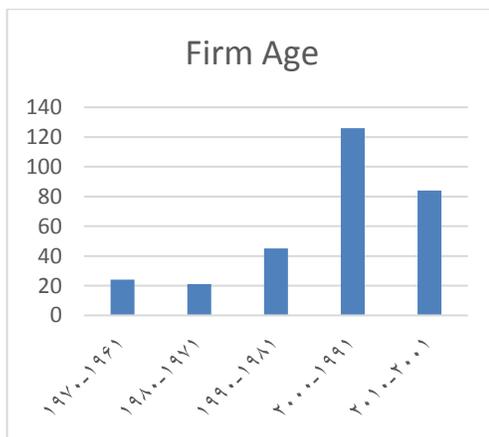


Fig. 2. Year of Incorporation

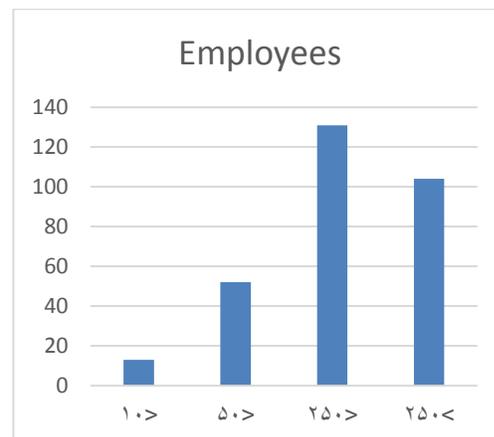


Fig. 3. Size of Firm

## INFLUENCE STRATEGIES AND SOCIAL MECHANISMS IN PROMOTING

The most popular measure of evaluating the reliability of the scale is the internal consistency method which is characterized by the Cronbach's alpha coefficient. Thus, reliability analysis is done by obtaining the Cronbach's alpha coefficient. The model possesses reliability as well as composite reliability because all values are higher than .7 as shown in Table 1 which indicates that the measures are robust in terms of their internal consistency reliability as indexed by the composite reliability.

Table 1.

## Results Summary for Reflective Outer Models

| Latent Variable | Indicators | Initial Loading | Factor Loading after Deleting | Cronbach's Alpha | Composite Reliability | Average Variance Extracted (AVE) |
|-----------------|------------|-----------------|-------------------------------|------------------|-----------------------|----------------------------------|
| NCOR            | IE1        | 0.744           | 0.766                         | 0.837            | 0.877                 | 0.507                            |
|                 | IE2        | 0.746           | 0.768                         |                  |                       |                                  |
|                 | IE3        | 0.785           | 0.813                         |                  |                       |                                  |
|                 | IE4        | 0.648           | 0.667                         |                  |                       |                                  |
|                 | REC1       | 0.688           | 0.673                         |                  |                       |                                  |
|                 | REC2       | 0.693           | 0.654                         |                  |                       |                                  |
|                 | REC3       | 0.646           | -                             |                  |                       |                                  |
|                 | REC4       | 0.650           | 0.623                         |                  |                       |                                  |
| COR             | LP1        | 0.563           | 0.663                         | 0.903            | 0.923                 | 0.601                            |
|                 | LP2        | 0.737           | 0.737                         |                  |                       |                                  |
|                 | LP3        | 0.766           | 0.766                         |                  |                       |                                  |
|                 | LP4        | 0.801           | 0.801                         |                  |                       |                                  |
|                 | TH1        | 0.771           | 0.771                         |                  |                       |                                  |
|                 | TH2        | 0.870           | 0.870                         |                  |                       |                                  |
|                 | TH3        | 0.848           | 0.848                         |                  |                       |                                  |
|                 | TH4        | 0.807           | 0.807                         |                  |                       |                                  |

## INFLUENCE STRATEGIES AND SOCIAL MECHANISMS IN PROMOTING

| Latent Variable | Indicators | Initial Loading | Factor Loading after Deleting | Cronbach's Alpha | Composite Reliability | Average Variance Extracted (AVE) |
|-----------------|------------|-----------------|-------------------------------|------------------|-----------------------|----------------------------------|
| FLEX            | M1         | 0.581           | 0.681                         | 0.837            | 0.885                 | 0.584                            |
|                 | M2         | 0.889           | 0.889                         |                  |                       |                                  |
|                 | M3         | 0.886           | 0.886                         |                  |                       |                                  |
|                 | M4         | 0.879           | 0.879                         |                  |                       |                                  |
|                 | M5         | 0.305           | 0.604                         |                  |                       |                                  |
|                 | M6         | 0.852           | 0.852                         |                  |                       |                                  |
| REQ             | RE1        | 0.678           | 0.678                         | 0.846            | 0.883                 | 0.603                            |
|                 | RE2        | 0.837           | 0.837                         |                  |                       |                                  |
|                 | RE3        | 0.765           | 0.765                         |                  |                       |                                  |
|                 | RE4        | 0.822           | 0.822                         |                  |                       |                                  |
|                 | RE5        | 0.771           | 0.771                         |                  |                       |                                  |
| SV              | SV1        | 0.782           | 0.782                         | 0.846            | 0.883                 | 0.632                            |
|                 | SV2        | 0.817           | 0.817                         |                  |                       |                                  |
|                 | SV3        | 0.784           | 0.784                         |                  |                       |                                  |
| TRST            | TRU1       | 0.052           | -                             | 0.846            | 0.883                 | 0.544                            |
|                 | TRU2       | 0.036           | -                             |                  |                       |                                  |
|                 | TRU3       | 0.790           | 0.794                         |                  |                       |                                  |
|                 | TRU4       | 0.742           | 0.740                         |                  |                       |                                  |
|                 | TRU5       | 0.742           | 0.745                         |                  |                       |                                  |
|                 | TRU6       | 0.720           | 0.722                         |                  |                       |                                  |
|                 | TRU7       | -0.072          | -                             |                  |                       |                                  |
|                 | TRU8       | -0.100          | -                             |                  |                       |                                  |
|                 | TRU9       | 0.681           | 0.679                         |                  |                       |                                  |

Results demonstrate that initially a few of the initial loading factors are not up to the mark so to have accurate results it is recommended by Hair, Hult, Ringle, & Sarstedt, 2014 to delete those questions to have reliable and valid results. The seventh column shows the values regarding variance between the constructs and all the variables have a value greater than 0.5 thereby supporting the concept of discriminate validity. The evaluation of the measurement model continues by testing the discriminate validity, translated by the absence of a possible correlation between the items of the constructs. In other words we attempted to affirm that the items are well represented on their constructs. The Fornell-Lacker criterion and cross loading (CL) are often used for this purpose. The academic literature confirms that the latent variables must display a value on their lines and columns that is superior to the rest of the constructs (Hair, Babin, & Krey, 2017). The test depicted in Table 2 minimum value is for NCOR, which has a value of 0.712 and all the remaining values are above this.

*Table 2.*

Correlation of Latent Variables (Fornell Larcker Criterion)

|      | COR    | FLEX   | NCOR   | REQ    | SV    | TRST  |
|------|--------|--------|--------|--------|-------|-------|
| COR  | 0.775  |        |        |        |       |       |
| FLEX | 0.787  | 0.764  |        |        |       |       |
| NCOR | 0.746  | 0.718  | 0.712  |        |       |       |
| REQ  | 0.411  | 0.538  | 0.475  | 0.777  |       |       |
| SV   | -0.030 | 0.026  | -0.064 | 0.083  | 0.795 |       |
| TRST | -0.027 | -0.051 | -0.050 | -0.038 | 0.713 | 0.737 |

Next analysis is cross loading analysis for discriminate validity; here the test considers the factor loading values of all items with his own construct as

## INFLUENCE STRATEGIES AND SOCIAL MECHANISMS IN PROMOTING

well as with other variables in theoretical model. Here criteria is that value of item should be greater than 0.6 and should also maximum with its own construct and lesser with other constructs as shown in a Table 3.

*Table 3.*

Cross Loading

| Items | COR   | FLEX  | NCOR  | PRO   | REQ   | SV     | TRST   |
|-------|-------|-------|-------|-------|-------|--------|--------|
| LP1   | 0.663 | 0.454 | 0.482 | 0.387 | 0.314 | -0.073 | -0.042 |
| LP2   | 0.737 | 0.552 | 0.569 | 0.535 | 0.300 | 0.026  | 0.013  |
| LP3   | 0.766 | 0.572 | 0.525 | 0.543 | 0.270 | -0.003 | 0.031  |
| LP4   | 0.801 | 0.564 | 0.528 | 0.460 | 0.272 | 0.012  | 0.038  |
| TH1   | 0.771 | 0.561 | 0.531 | 0.423 | 0.310 | -0.023 | -0.076 |
| TH2   | 0.870 | 0.691 | 0.674 | 0.622 | 0.357 | -0.010 | -0.011 |
| TH3   | 0.848 | 0.694 | 0.610 | 0.543 | 0.301 | -0.045 | -0.058 |
| TH4   | 0.807 | 0.732 | 0.670 | 0.596 | 0.411 | -0.064 | -0.052 |
| M1    | 0.514 | 0.681 | 0.478 | 0.386 | 0.278 | -0.009 | -0.038 |
| M2    | 0.692 | 0.889 | 0.638 | 0.697 | 0.476 | 0.072  | -0.008 |
| M3    | 0.708 | 0.886 | 0.658 | 0.672 | 0.455 | 0.009  | -0.069 |
| M4    | 0.691 | 0.879 | 0.597 | 0.677 | 0.487 | 0.006  | -0.055 |
| M5    | 0.153 | 0.604 | 0.130 | 0.204 | 0.162 | 0.033  | -0.062 |
| M6    | 0.656 | 0.852 | 0.608 | 0.772 | 0.493 | 0.012  | -0.030 |
| IE1   | 0.540 | 0.554 | 0.766 | 0.507 | 0.254 | -0.048 | -0.034 |
| IE2   | 0.620 | 0.591 | 0.768 | 0.495 | 0.219 | -0.065 | -0.062 |
| IE3   | 0.676 | 0.623 | 0.813 | 0.550 | 0.308 | -0.039 | -0.008 |
| IE4   | 0.484 | 0.448 | 0.667 | 0.473 | 0.375 | -0.051 | -0.031 |
| REC1  | 0.490 | 0.455 | 0.673 | 0.461 | 0.438 | 0.007  | -0.002 |
| REC2  | 0.415 | 0.406 | 0.654 | 0.375 | 0.427 | -0.041 | -0.020 |

## INFLUENCE STRATEGIES AND SOCIAL MECHANISMS IN PROMOTING

| Items | COR    | FLEX   | NCOR   | PRO    | REQ    | SV     | TRST   |
|-------|--------|--------|--------|--------|--------|--------|--------|
| REC4  | 0.436  | 0.449  | 0.623  | 0.406  | 0.451  | -0.086 | -0.099 |
| RE1   | 0.497  | 0.598  | 0.470  | 0.590  | 0.678  | 0.066  | 0.001  |
| RE2   | 0.238  | 0.334  | 0.331  | 0.374  | 0.837  | 0.075  | -0.005 |
| RE3   | 0.155  | 0.255  | 0.228  | 0.291  | 0.765  | 0.065  | -0.034 |
| RE4   | 0.240  | 0.367  | 0.327  | 0.380  | 0.822  | 0.106  | -0.040 |
| RE5   | 0.256  | 0.308  | 0.341  | 0.346  | 0.771  | -0.009 | -0.097 |
| SV1   | 0.008  | 0.077  | -0.033 | 0.065  | 0.071  | 0.782  | 0.675  |
| SV2   | -0.032 | 0.001  | -0.056 | 0.066  | 0.054  | 0.817  | 0.510  |
| SV3   | -0.060 | -0.041 | -0.072 | 0.011  | 0.070  | 0.784  | 0.467  |
| TRU3  | -0.025 | -0.062 | -0.065 | -0.018 | -0.065 | 0.488  | 0.794  |
| TRU4  | -0.029 | -0.003 | -0.054 | 0.045  | -0.004 | 0.600  | 0.740  |
| TRU5  | -0.056 | -0.046 | -0.050 | 0.025  | 0.028  | 0.553  | 0.745  |
| TRU6  | 0.025  | -0.004 | -0.006 | 0.031  | -0.058 | 0.471  | 0.722  |
| TRU9  | -0.006 | -0.077 | -0.004 | -0.020 | -0.055 | 0.493  | 0.679  |

#### 4. Finding

Model fit is measured by SRMR, Chi Square and NFI. SRMR is defined as the difference amongst the observed correlation and predicted correlation of the variables i.e. constructs. Its value should be less than 0.10 which is being considered to be a good fit value. The NFI represents an incremental fit measure and also defined as 1 minus the Chi<sup>2</sup> value of the proposed model divided by the Chi<sup>2</sup> values of the null model. Consequently, the NFI results in values between 0 and 1. The value of NFI closer to 1, the better the fit it is (Hair Jr, Sarstedt, Ringle, & Sarstedt, 2017). Value of NFI is .715 and 0.710, value for SRMR is less than 0.10 for both models, while the chi-square is also good enough to support the structural and estimated model fit. To assess co

linearity issues of the inner model, the latent variable scores can be used to the Variance Inflation Factor (VIF). The outer and inner model VIF are all less than 5 (Hair Jr, Sarstedt, Ringle, & Sarstedt, 2017). Path coefficient i.e. ( $\beta$ ) amongst the latent variables is a significant criterion for evaluating the predictive power of the structural model. The magnitude of the path coefficient points out the power of the relationship among the latent variables and the positive sign of the path coefficient corresponds to the pre-proposed hypothesis. In Figure 4, the outer and inner model is explained outer shows the factor loading values whereas inner shows the coefficient values between the variables.

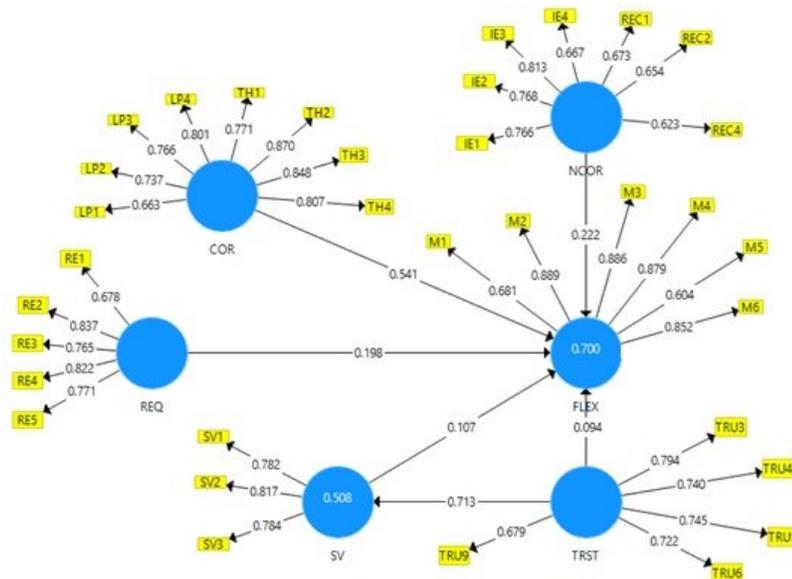


Fig. 4. PLS-SEM Algorithm Model

Table 4 used for hypotheses testing; is an output of bootstrapping. Path coefficient shows the beta coefficient values, the impact of exogenous variable

on endogenous variable. Here T Statistics value and P Value are the thresholds for hypotheses acceptance.

*Table 4.*

PLS-SEM Hypotheses Testing

|                | Relationship (IV-DV) | Original Sample | Sample Mean | Standard Deviation | T Statistics ( O/STDEV ) | P Values | Decision |
|----------------|----------------------|-----------------|-------------|--------------------|--------------------------|----------|----------|
| H <sub>1</sub> | COR -> FLEX          | 0.541           | 0.542       | 0.052              | 10.337                   | 0.000    | Accepted |
| H <sub>2</sub> | NCOR -> FLEX         | 0.222           | 0.220       | 0.060              | 3.701                    | 0.000    | Accepted |
| H <sub>3</sub> | REQ -> FLEX          | 0.198           | 0.201       | 0.039              | 5.125                    | 0.000    | Accepted |
| H <sub>4</sub> | TRST -> FLEX         | 0.094           | 0.094       | 0.046              | 2.048                    | 0.031    | Accepted |
| H <sub>5</sub> | SV -> FLEX           | 0.107           | 0.106       | 0.049              | 2.181                    | 0.030    | Accepted |
| H <sub>6</sub> | TRST -> SV           | 0.713           | 0.716       | 0.027              | 26.658                   | 0.000    | Accepted |

## 5. Discussion and Conclusions

Studies on influence strategies have tended to focus on western societies. This study investigates Pakistan's textile industry, to understand the differences among diverse contexts. According to Western business norms, firms prefer less interference and more autonomy (Lai, 2009), and low power distance societies rarely accept compelling interventions (Samaha et al., 2014). In contrast, in non-Western societies such as Pakistan, collective firms are interdependent; the high power distance dimension suggests the acceptance of social inequalities (Samaha et al., 2014). These facts suggest that Pakistani firms are more tolerant of forceful interference and compelling communication pressures (Tikoo, 2005; Lai, 2009). Thus such coercive strategies have a less mitigated impact manufacturer relationships. Bacharach and Lawler (1980) and others believe that the threat strategy is to be used as a last resort. From this study, it appears that threats are frequently and successfully used to gain supplier mix flexibility. Payan and McFarland

(2005) suggested that legalistic pleas are rarely used in practice. However, in this study, we found that legalistic pleas were frequently used and appear to be part of normal business practice. Information exchange and recommendation strategies are both based on motivating behavioral change through altering the target's perceptions. In this study, these noncoercive influence strategies were used less frequently than coercive influence strategies perhaps due to the considerable time and effort required over an extended period of time to be effective (Frazier and Summers, 1984). Unlike coercive influence strategies, noncoercive influence strategies are non-compulsory, and therefore cannot force suppliers to comply with requirements of the manufacturers. The use of noncoercive influence strategies by manufacturers towards suppliers will increase supplier mix flexibility; this is in agreement with other studies (Kang, Asare, Brashear-Alejandro, Granot, and Li, 2018; Ting, 2016). The request strategy is a strong and specific communication tool to seek the targets desired actions. For request strategies, there is minimal difference when compared with noncoercive influence strategies in this study; however, both positively affect supplier mix flexibility. As for the perception with request strategies is different from recommendations and information exchange, for the Pakistani manufacturer, the relationships between request strategies and flexibility need further examination. According to Aarnio (2018), higher levels of manufacturers' perceived trust of suppliers leads suppliers to embroil and facilitate performance. From the social exchange theory, trust building is a gradual process through increased exchange and positive outcomes. While a supplier attempts to meet a manufacturer's requirements (i.e. produce various product combinations, minimize the time to implement new product development) the supplier needs to change over its capacity and production plans. If a supplier benefits from cooperating with the manufacturer, it will be willing to maintain

the relationship. A manufacturer with high-perceived trust will have more confidence that the suppliers will act honestly. The manufacturer, therefore, is willing to share more strategic and sensitive information with its suppliers, and facilitates the notion of common goals. This research found that trust facilitates manufacturer-supplier shared vision. Greater supplier flexibility gives manufacturers the advantage of responsiveness over their competitors. Suppliers with the ability to simultaneously produce multiple products or changeover quickly from one product to another maintain a competitive advantage. Suppliers often limit the ability of a manufacturer to respond quickly to customer requirements (Gilgor, Gilgor, Holcomb, & Bozkurt, 2019). The results of this study indicate that a manufacturer using influence strategies and social mechanisms with its suppliers can help to advance supplier flexibility to accommodate dynamic customer demands. In return, the manufacturer is able to perform better in terms of market share, customer satisfaction and the solicitation of new projects.

### References

- Aarnio, T. (2018, July 21). lutpub.lut.fi. Retrieved from Lut University: [https://lutpub.lut.fi/bitstream/handle/10024/152960/Pro%20Gradu\\_To\\_mmi%20Aarnio.pdf?sequence=1&isAllowed=y](https://lutpub.lut.fi/bitstream/handle/10024/152960/Pro%20Gradu_To_mmi%20Aarnio.pdf?sequence=1&isAllowed=y)
- Achrol, R. S., Scheer, L. K., & Stern, L. W. (1990). *Designing Successful Trans-Organizational Marketing Alliances*. Cambridge: Marketing Science Institute.
- Akrout, H., & La Rocca, A. (2019). Interpersonal and Inter-organizational Trust in High-Involvement Customer-Supplier Relationships: Antecedents, Consequences, and Moderators. *New Insights on Trust in Business-to-Business Relationships (Advances in Business Marketing and Purchasing)*, 87-102.

- Ali, H., & Birley, S. (1999). Integrating Deductive and Inductive Approaches in a Study of New Ventures and Customer Perceived Risk. *Qualitative Market Research*, 22-34.
- Allee, V. (2003). *The Future of Knowledge: Increasing Prosperity Through Value Networks*. Amsterdam: Butterworth-Heinemann.
- Anderson, J. C., & Narus, J. A. (1990). A Model of Distributor Firm and Manufacturing Firm Working Partnerships. *Journal of Marketing*, 42-58.
- Aydin, N. (2018). Social Network Analysis: A Literature Review. *Online Academic Journal of Information Technology*, 73-80.
- Bacharach, S., & Lawler, E. (1980). *Power and Politics in Organizations*. San Francisco: Jossey-Bass.
- Ballou, R. H., Gillbert, S. M., & Mukherjee, A. (2000). New Managerial Challenge from Supply Chain Opportunities. *Industrial Marketing Management*, 7-18.
- Blau, P. M. (1964). *Exchange and Power in Social Life*. New York: Wiley.
- Bodaghi, G., Jolai, F., & Rabbani, M. (2018). An Integrated Weighted Fuzzy Multi-Objective Model for Supplier Selection and Order Scheduling in a Supply Chain. *International Journal of Production Research*, 3590-3614.
- Boyle, B., & Dwyer, R. (1995). Power, Bureaucracy, Influence, and Performance. *Journal of Business Research*, 189-201.
- Brown, J. R., Crosno, J. L., & Tong, P. Y. (2019). Is the Theory of Trust and Commitment in Marketing Relationships Incomplete. *Industrial Marketing Management*, 155-169.
- Churchill, G. (1979). A Paradigm for Developing Better Measures of Marketing Constructs. *Journal of Marketing Research*, 64-73.

- Cohen, J. R. (1977). *Statistical Power Analysis for the Behavioral Sciences*. New York: Academic Press.
- Contractor, F. J., Kumar, V., & Kundu, S. K. (2007). Nature of the Relationship Between International Expansion and Performance: The Case of Emerging Market Firms. *Journal of World Business*, 401-17.
- Dang, V. T., Pham, T. L., & Wang, J. (2019). Influence Tactics, Customer Trust and Buyer-Supplier Long-Term Relationships: Evidence from B2B Companies in an Emerging Economy. *Total Quality Management & Business Excellence*, 31-45.
- Ellram, L. M., & Murfield, M. U. (2019). Supply Chain Management in Industrial Marketing-Relationships Matter. *Industrial Marketing Management*, 36-45.
- Fornell, C., & Larcker, D. F. (1981). Evaluating Structural Equation Models with Unobservable Variables and Measurement Error. *Journal of Marketing Research*, 39-50.
- Frazier, G., & Summers, J. (1984). Interfirm Influence Strategies and Their Application Within Distribution Channels. *Journal of Marketing*, 43-55.
- Frazier, G., & Summers, J. (1986). Perceptions of Interfirm Power and Its Use Within a Franchise Channel of Distribution. *Journal of Marketing Research*, 169-76.
- Gambetta, D. (2000). Trust: Making and Breaking Cooperative Relations. *British Journal of Sociology*, 12-28.
- Gelderman, C. J., Semeijn, J., & De Zoete, R. (2008). The Use of Coercive Influence Strategies by Dominant Suppliers. *Journal of Purchasing and Supply Management*, 220-229.
- Ghijzen, P. W., Semeijn, J., & Ernston, S. (2010). Supplier Satisfaction and Commitment: The Role of Influence Strategies and Supplier Development. *Journal of Purchasing and Supply Management*, 17-26.

- Gilgor, D., Gilgor, N., Holcomb, M., & Bozkurt, S. (2019). Distinguishing between the Concepts of Supply Chain Agility and Resilience. *International Journal of Logistic Management*, 467-487.
- Hair, J. F., Babin, B. J., & Krey, N. (2017). Covariance-Based Structural Equation Modeling in the Journal of Advertising: Review and Recommendations. *Journal of Advertising*, 163-177.
- Hair, J. F., Tatham, R. L., Anderson, R. E., & Black, W. (2006). *Multivariate Data Analysis*. Upper Saddle River: Pearson Prentice Hall.
- Hair, J., Hult, G. T., Ringle, C., & Sarstedt, M. (2014). *A Primer on Partial Least Squares Structural Equation Modeling (PLS-SEM)*. Los Angeles: Sage Publications.
- Handley, S., de Jong, J., & Benton, W. C. (2019). How Service Provider Dependence Perceptions Moderate the Power-Opportunism Relationship with Professional Services. *Production and Operations Management*, 1692-1715.
- Ibraimi, S., Bexheti, A., Zuferi, R., Rexhepi, G., & Ramadani, V. (2016). Enhancing Flexible Manufacturing Competence. *ICRES 2016: International Conference on Research in Education and Science* (pp. 378-384). Bodrum: The Eurasia Proceedings of Educational & Social Sciences.
- Im, G., Rai, A., & Lambert, L. S. (2019). Governance and Resource-Sharing Ambidexterity for Generating Relationship Benefits in Supply Chain Collaborations. *Decision Sciences*, 656-693.
- Kang, J., Asare, A., Brashear-Alejandro, T., Granot, E., & Li, P. (2018). Interorganizational Drivers of Channel Performance: A Meta-Analytic Structural Model. *Journal of Business & Industrial Marketing*, 183-195.

- Kazmi, S. Z., & Takala, J. (2014). An Overview of Pakistan's Textile Sector from Operational Competitive Perspective-A Suggestive Analysis! *World Journal of Engineering and Technology*, 124-130.
- Keh, H. T., & Park, S. Y. (2011). An Expanded Perspective on Power in Distribution Channels: Strategies and Implications. *The International Review of Retail, Distribution and Consumer*, 52-67.
- Khalaf, M. A., & El Mokadem, M. (2019). The Relationship Between Internal Integration and Manufacturing Flexibility in the Egyptian Industry. *International Journal of Quality and Service Sciences*, 16-33.
- Khan, G. F., Sarstedt, M., Shiau, W. L., Hair, J. F., Ringle, C. M., & Fritze, M. P. (2019). Methodological Research on Partial Least Squares Structural Equation Modeling (PLS-SEM) An Analysis Based on Social Network Approaches. *Internet Research*, 54-63.
- Kim, D. W. (2019). Effects of Co-Creation an Organizational Performance of Small and Medium Manufacturers. *Journal of Business Research*, 23-34.
- Kozak, R. A., & Cohen, D. H. (1997). Distributor-Supplier Partnering Relationships: A Case in Trust. *Journal of Business Research*, 33-8.
- Krajewski, L., Wei, J. C., & Tang, L.-L. (2005). Responding to Schedule Changes in Build-to-Order Supply Chains. *Journal of Operations Management*, 452-69.
- Kumar, N., Sheer, L. K., & Steenkamp, J. E. (2005). The Effects of Perceived Interdependence on Dealer Attitudes. *Journal of Marketing Research*, 348-356.
- Kumar, P., & Singh, A. (2019). Flexibility in Service Operations: Review, Synthesis and Research Agenda. *Benchmarking: An International Agenda*, 33-49.

- Li, L. (2005). The Effects of Trust and Shared Vision on Inward Knowledge Transfer in Subsidiaries' Intra- and Inter-Organizational Relationships. *International Business Review*, 77-95.
- Li, S., & Lin, B. (2006). Accessing Information Sharing and Information Quality in Supply Chain Management. *Decision Support Systems*, 1641-1656.
- Mayo, D. T., Richardson, L. D., & Simpson, J. T. (1998). The Differential Effects of the Uses of Power Sources and Influence Strategies on Channel Satisfaction. *Journal of Marketing Theory and Practice*, 16-25.
- McFarland, R. G., & Dixon, A. L. (2019). An Updated Taxonomy of Salesperson Influence Tactics. *Journal of Personal Selling & Sales Management*, 42-57.
- McIver, J. P., & Carmines, E. G. (1981). *Unidimensional Scaling*. Beverly Hills: Sage.
- Min-Jung, K. (2019). Marketing Environment and Governance Mechanisms: Focusing on Manufacturer's Interfirm Benevolence. *Journal of Industrial Distribution & Business*, 51-58.
- Mishra, R., Pundir, A., & Ganapathy, L. (2018). Empirical Assessment of Factors Influencing Potential of Manufacturing Flexibility in Organization. *Business Process Management Journal*, 158-182.
- Payan, J. M., & McFarland, R. G. (2005). Decomposing Influence Strategies: Argument Structure and Dependence as Determinants of the Effectiveness of Influence Strategies in Gaining Channel Member Compliance. *The Journal of Marketing*, 66-79.
- Ping, R. (2019). *(Buyer-Seller) Relationship Termination*. Dayton: Wright State University.

- Ravenscraft, D. J. (1983). Structure-Profit Relationships at the Line of Business and Industry Level. *Review of Economics and Statistics*, 22-31.
- Riis, J. O. (2009). Shared Visions in Smart Business Networks: A Stakeholder and Organizational Learning Approach. In *The Network Experience*. Heidelberg: Springer.
- Rousseau, D., Sitkin, S., Burt, R., & Camerer, C. (1998). Not So Different After All: A Cross-Discipline View of Trust. *The Academy of Management Review*, 23-38.
- Samaha, S., Beck, J., & Palmatier, R. (2014). The Role of Culture in International Relationship Marketing. *Journal of Marketing*, 78-98.
- Sanzo, M. J. (2003). The Effect of Market Orientation on Buyer-Seller Relationship Satisfaction. *Industrial Marketing Management*, 327-345.
- Schurr, P. H., & Ozanne, J. L. (1985). Influences on Exchange Processes: Buyers' Preconceptions of A Seller's Trustworthiness and Bargaining Toughness. *Journal of Consumer Research*, 939-953.
- Shanka, M. S., & Buvik, A. (2019). When Does Relational Exchange Matter? Social Bond, Trust and Satisfaction. *Journal of Business-to-Business Marketing*, 57-74.
- Sheu, J.-B. (2019). Post-Diaster Grain Supply Chain Management with Supplier Hoarding and Regime Intervention. *NTU Management Review*, 25-50.
- Slack, N. (1983). Flexibility as a Manufacturing Objective. *International Journal of Operations & Production Management*, 4-13.
- Slack, N. (1987). The Flexibility of Manufacturing Systems. *International Journal of Operations & Production Management*, 35-45.

- Spekman, R. E., Kamauff, J., & Spear, J. (1999). Towards More Effective Sourcing and Supplier Management. *European Journal of Purchasing and Supply Management*, 103-116.
- Spekman, R. W., Kamauff, J. W., & Myhr, N. (1998). An Empirical Investigation into Supply Chain Management: A perspective on Partnerships. *Supply Chain Management*, 53-67.
- Spiro, R., & Perreault, W. D. (1979). Influence Use by Industrial Salesmen: Influence Strategy Mixes and Situational Determinants. *Journal of Business*, 435-455.
- Stentoft, J., Paulraj, A., & Vastag, G. (2015). Research in the Decision Sciences for Innovations in Global Supply Chain Networks. Best Papers from the 2014 Annual Conference. FT Press.
- Swamidass, P. M., & Newell, W. T. (1987). Manufacturing Strategy, Environmental Uncertainty and Performance: A Path Analytical Model. *Management Science*, 509-24.
- Tikoo, S. (2005). Franchisor use of influence and conflict in a business format franchise system. *International Journal of Retail & Distribution Management*, 329-342.
- Tsai, W., & Ghosal, S. (1998). Social Capital and Value Creation: The Role of Intrafirm Networks. *The Academy of Management Journal*, 464-476.
- Unite, A. A., Sullivan, M. J., & Shi, A. A. (2019). Board Diversity and Performance of Philippine Firms: Do Women Matter? *International Advances in Economic Research*, 65-78.
- Upton, D. M. (1994). The Management of Manufacturing Flexibility. *California Management Review*, 72-89.
- Upton, D. M. (1995). What Really Makes Factories Flexible. *Harvard Business Review*, 74-84.

- Vasileiou, K., & Morris, J. (2006). The Sustainability of the Supply Chain for Fresh Potatoes in Britain. *Supply Chain Management: An International Journal*, 317-327.
- Venkatesh, R., Kohli, A., & Zaltman, G. (1995). Influence Strategies in Buying Centers. *Journal of Marketing*, 71-82.
- Verghese, A., Koufteros, X., & Huo, B. (2019). Leveraging Customer Benevolence for Resilience: A Supplier Perspective. *International Journal of Physical Distribution & Logistics Management*, 102-113.
- Vickery, S. K., Droge, C., & Markland, R. E. (1997). Dimensions of Manufacturing Strength in the Furniture Industry. *Journal of Operations Management*, 317-30.
- Vickery, S., Calantone, R., & Droge, C. (1999). Supply Chain Flexibility: An Empirical Study. *Journal of Supply Chain Management*, 16-24.
- Voss, C. A. (2005). Alternative Paradigms for Manufacturing Strategy. *International Journal of Operations and Production Management*, 1211-1222.
- Voss, K., Tanner, E., Lee, Y., & Kim, H. (2019). Integrating Reciprocity into a Social Model of Inter-Firm B2B Relationships. *Journal of Business & Industrial Marketing*, 56-72.
- Wang, J., Liu, Z., & Zhao, R. (2019). On the Interaction Between Asymmetric Demand Signal and Forecast Accuracy Information. *Production, Manufacturing, Transportation and Logistics*, 857-874.
- Wathne, K., & Heide, J. B. (2000). Opportunism in Interfirm Relationships: Forms, Outcomes, and Solutions. *Journal Marketing*, 36-51.
- Wilson, D. T., & Vlosky, R. P. (1998). Inter-Organizational Information System Technology and Buyer-Seller Relationships. *Journal of Business and Industrial Marketing*, 215-234.

- Young, D., Carr, H. H., & Rainer, R. K. (1999). Strategic Implications of Electronic Linkages. *Information Systems Management* , 32-39.
- Zhan, Z. (2019). Channel Relative Power, Network Embeddedness, and Learning Among Channel Members in a Representative Sample of Agricultural Products. *Revista de la Facultad de Agronomía de la Universidad del Zulia*, 35-45.
- Zhang, Q., Vonderembse, M. A., & Lim, J. S. (2003). Manufacturing Flexibility: Defining and Analyzing Relationships Among Competence, Capability, and Customer Satisfaction. *Journal of Operations Management*, 173-91.