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### **Documents**

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Configuring the effect of multidimensional retail service quality and perceived value on customer loyalty towards retailers in Malaysia: mediated by customer satisfaction and trust

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#### Abstract

This study attempted to identify and provide an understanding regarding the factors that are integral for building customer loyalty towards retailers in Malaysia. SPSS and SEM were used to analyse the collected data through EFA and CFA. First and second order measurement models and structural models were tested to see the appropriateness of variables and their relationships in AMOS. Findings demonstrated that perceived value, customer satisfaction and trust carry significant effects on customer loyalty towards retailers. Results also showed that customer satisfaction as well as trust plays the role of mediators in the association that takes place amid retail service quality, perceived value and customer loyalty. The findings will facilitate managers of retail organisations to formulate effective marketing strategies. At the same time, it is hoped that the outcomes of present study will be an important addition to literature and open the door for future research endeavors. Copyright © 2023 Inderscience Enterprises Ltd.

## **Author Keywords**

customer loyalty; perceived value; retail service quality; satisfaction; trust

#### References

Adamu, M.

An overview of service quality, customer satisfaction and customer loyalty; a literature review

(2017) Austin Journal of Business Administration and Management, 1 (4), pp. 1-4.

- Afzal, F., Shao, Y., Sajid, M., Afzal, F.
  - Market sustainability: a globalization and consumer culture perspective in the Chinese retail market

(2019) Sustainability, 11 (3), pp. 575-599.

Ahmed, R.R., Romeika, G., Kauliene, R., Streimikis, J., Dapkus, R.
 ES-QUAL model and customer satisfaction in online banking: evidence from multivariate analysis techniques

(2020) Oeconomia Copernicana, 11 (1), pp. 59-93.

- Ajmal, H., Khan, R.A., Fatima, M.
  - Impact of service quality on customer satisfaction in banking industry of Pakistan: a case study of Karachi

(2018) Journal of Social and Administrative Sciences, 5 (3), pp. 219-238.

Aldaihani, F.M., Ali, N.A.

Effect of electronic customer relationship management on electronic service quality provided by the commercial banks in Kuwait

(2018) International Journal of Academic Research in Accounting, Finance and Management Sciences, 8 (2), pp. 143-154.

Alhaddad, A.

Perceived quality, brand image and brand trust as determinants of brand loyalty (2015) *Journal of Research in Business and Management*, 3 (4), pp. 1-8.

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- Atulkar, S., Kesari, B. Shopping experience of hypermarket shoppers on weekends (2016) Indian Journal of Marketing, 46 (11), pp. 36-49.
- Auka, D., Bosire, J.N., Matern, V. Perceived service quality and customer loyalty in retail banking in Kenya (2013) British Journal of Marketing Studies, 1 (3), pp. 32-61.
- Awara, N.F., Anyadighibe, J.A.

The relationship between customer satisfaction and loyalty: a study of selected eateries in Calabar

(2014) Interdisciplinary Journal of Contemporary Research in Business, 5 (9), pp. 110-125.

· Aziz, W.A.

Bahri, S.

The role of relationship marketing in building clients' loyalty in banking industry (2015) British Journal of Marketing Studies, 3 (7), pp. 93-108.

- Aznar, J.P., Bagur, L., Rocafort, A. Impact of service quality on competitiveness and profitability: the hotel industry in the Catalan coast
  - (2016) Intangible Capital, 12 (1), pp. 147-166.
- Babin, B.J., Darden, W.R., Griffin, M. Work and/or fun: measuring hedonic and utilitarian shopping value (1994) Journal of Consumer Research, 20 (4), pp. 644-656.
- Bahar, A.M., Islam, M.A., Hamzah, A., Islam, S.N., Reaz, M.D. The efficacy of work-life balance for young employee retention: a validated retention model for small private industries (2020) International Journal of Process Management and Benchmarking, 12 (2), pp. 1-16.

Customer satisfaction as a mediator variable between service quality and customer loyalty for a bank in Indonesia

(2017) Expert Journal of Marketing, 5 (2), pp. 44-52.

- Bashir, M.A., Ali, M.H., Wai, L.M., Hossain, M.I., Rahaman, M.S. Mediating effect of customer perceived value on the relationship between service quality and customer satisfaction of e-banking in Bangladesh (2020) International Journal of Advanced Science and Technology, 29 (2), pp. 3590-3606.
- Basir, M., Modding, B., Kamase, J., Hasan, S. Effect of service quality, orientation services, and pricing on loyalty and customer satisfaction on marine transportation services (2015) International Journal of Humanities and Social Science Invention, 4 (6), pp. 1-6.
- Belas, J., Gabcova, L.

The relationship among customer satisfaction, loyalty and financial performance of commercial banks

(2016) E.M, Ekonomie a Management, 19 (1), pp. 132-147.

Bostanji, G.M.A.

The impact of service quality on customer loyalty: a study on five stars hotel's customers in Riyadh, KSA

(2013) European Journal of Business and Management, 5 (31), pp. 230-240.

Byrne, B.M.

(2010) Structural Equation Modeling With Amos: Basic Concepts, Applications, and Programming,

2nd ed., Taylor and Francis Group, New York

 Chang, C.S., Chen, S.Y., Lan, Y.T.
 Service quality, trust, and patient satisfaction in interpersonal-based medical service encounters

(2013) BMC Health Services Research, 13 (1), pp. 13-22.

. Chen, Y.S.

Towards green loyalty: driving from green perceived value, green satisfaction, and green trust

(2013) Sustainable Development, 21 (5), pp. 294-308.

• Chinomona, R., Dubihlela, D.

Does customer satisfaction lead to customer trust, loyalty and repurchase intention of local store brands? The case of Gauteng Province of South Africa (2014) *Mediterranean Journal of Social Sciences*, 5 (9), pp. 23-32.

. Chou, P.F.

An evaluation of service quality, trust, and customer loyalty in home-delivery services

(2014) *International Journal*, 3 (8), pp. 99-108.

• Chung, K.H., Yu, J.E., Kim, W.J., Shin, J.I.

The effect of perceived value on customer loyalty in a low-priced cosmetic brand of South Korea: the moderating effect of gender

(2015) Advanced Science and Technology Letters, 114 (1), pp. 40-44.

• Cudjoe, A.G., Nii, P.A.A.J.G., Nyanyofio, T.

Service quality and customer satisfaction in the Ghanaian banking industry: a case of Ghana commercial bank

(2015) European Journal of Business and Management, 7 (3), pp. 123-140.

• Dabholkar, P.A., Thorpe, D.I., Rentz, J.O.

A measure of service quality for retail stores: scale development and validation (1996) *Journal of the Academy of marketing Science*, 24 (1), pp. 3-16.

Dahiyat, S.E., Akroush, M.N., Abu-Lail, B.N.

An integrated model of perceived service quality and customer loyalty: an empirical examination of the mediation effects of customer satisfaction and customer trust (2011) *International Journal of Services and Operations Management*, 9 (4), pp. 453-490.

Delassus, P.V., Descotes, M.R.

Brand name substitution and brand equity transfer

(2012) Journal of Product and Brand Management, 21 (2), pp. 117-125.

Desiyanti, N.L., Sudja, I.N., Martini, L.K.B.

Effect of service quality on customer satisfaction, customer delight and customer loyalty

(2018) International Journal of Contemporary Research and Review, 9 (3), pp. 20660-20668.

• Dib, H., Alhaddad, A.

The hierarchical relationship between brand equity dimensions (2014) *European Scientific Journal*, 10 (28), pp. 183-194.

- East, R., Singh, J., Wright, M., Vanhuele, M.
   (2016) Consumer Behaviour: Applications in Marketing, 3rd ed., Sage, Thousand Oaks
- Fornell, C., Johnson, M.D., Anderson, E.W., Cha, J., Bryant, B.B. **The American customer satisfaction index: nature, purpose, and findings** (1996) *Journal of Marketing*, 60 (4), pp. 7-18.

- Ganiyu, R.A., Uche, I.I., Adeoti, O.E.
   Is customer satisfaction an indicator of customer loyalty?
   (2012) Australian Journal of Business and Management Research, 2 (7), pp. 14-20.
- Gupta, A.
   Redefining service quality scale with customer experience quality scale: a critical review

(2016) International Journal of Services and Operations Management, 25 (1), pp. 48-64.

- Ha, N.T., Minh, N.H., Anh, P.C., Matsui, Y. Retailer service quality and customer loyalty-empirical evidence in Vietnam (2015) Asian Social Journal, 11 (4), pp. 90-101.
- Hair, J.F., Babin, B., Money, A.H., Samouel, P.
   (2003) Essentials of Business Research Methods, Wiley, Hoboken
- Hair, J.F., Black, W.C., Babin, B.J., Anderson, R.E.
   (2010) Multivariate Data Analysis,
   7th ed., Pearson Prentice Hall, New Jersey
- Hair, J.F., Bush, R.P., Ortinau, D.J.
   (2009) Marketing Research: in a Digital Information Environment,
   4th ed., McGraw-Hill/Irwin, New York
- Hanzaee, K.H., Rezaeyeh, S.P.
   Investigation of the effects of hedonic value and utilitarian value on customer satisfaction and behavioural intentions
   (2013) African Journal of Business Management, 7 (11), pp. 818-825.
- Haque, A., Anwar, N., Sarwar, A.
   The effect of country of origin image, ethnocentrism, and religiosity on purchase intentions: an empirical investigation on Bangladeshi consumers
   (2015) Indian Journal of Marketing, 45 (10), pp. 23-35.
- Haque, A., Anwar, N., Kabir, S., Yasmin, F., Tarofder, A.K., Mhm, N.
   Patients decision factors of alternative medicine purchase: an empirical investigation in Malaysia
   (2020) International Journal of Pharmaceutical Research, 12 (3), pp. 124-139.
- Haque, A., Anwar, N., Tarofder, A., Ahmad, N., Sharif, S.
   Muslim consumers' purchase behavior towards halal cosmetic products in Malaysia (2018) Management Science Letters, 8 (12), pp. 1305-1318.
- Haque, A., Shafiq, A., Maulan, S.
   An approach to Islamic consumerism and its implications on marketing mix (2017) Intellectual Discourse, 25 (1), pp. 135-152.
- Haque, A., Tarofder, Anwar, N., Tarofder, A., Azam, F.
   Employees usage of communication technology during non-work hours: a study on higher educational institutions in Malaysia
   (2019) Work, 29 (9), pp. 476-488.
- Haryono, S., Suharyono, A.F.D., Suyadi, I.
   The effects of service quality on customer satisfaction, customer delight, trust, repurchase intention, and word of mouth
   (2015) European Journal of Business Management, 7 (12), pp. 36-48.
- Hasan, H., Kiong, T.P., Ainuddin, R. A.
   Effects of perceived value and trust on ustomer loyalty towards foreign banks in Sabah, Malaysia

(2014) Global Journal of Emerging Trends in E-Business, Marketing and Consumer Psychology, 1 (2), pp. 137-153.

- Hassan, H., Rahman, M.S.
   Extended shopping experiences in hypermarket (2012) Asian Social Science, 8 (11), pp. 138-144.
- Hidayat, A., Adanti, A.P., Darmawan, A., Setyaning, A.N.
   Factors Influencing Indonesian ustomer satisfaction and customer loyalty in local fast-food restaurant
   (2019) International Journal of Marketing Studies, 11 (3), pp. 131-139.
- Hossain, M.S., Islam, M.A., Haque, A.A.
   Empirical analysis to the factors impact on succession process of the family-owned businesses in Bangladesh, moderating role of education
   (2020) International Journal of Business Innovation and Research, 24 (4), pp. 1-18.
- Hussain, R.
   The mediating role of customer satisfaction: evidence from the airline industry (2016) Asia Pacific Journal of Marketing and Logistics, 28 (2), pp. 234-255.
- Islam, M.A., Jantan, A.H., Hashim, H., Chong, C.W., Abdullah, M.M.
   Factors influencing female progression in leadership positions in the ready-made garment (RMG) industry in Bangladesh
   (2018) Journal of International Business and Management, 1 (1), pp. 1-13.
- Islam, M.J., Mustafi, M.A.A., Azmi, T., Ahmed, F.

  Measuring the effect of retail service quality dimensions on customer satisfaction and loyalty: the study on the super shop in Bangladesh

  (2016) International Journal of Scientific and Engineering Research, 7 (8), pp. 215-233.
- Ismail, M.K., Kumaran, V.V., Sarifuddin, S., Gorondutse, A.H., Sabarudin, N.A.
   Sustainability in retail industry: competition factors among small retailers and supermarkets in agrofood business
   (2018) International Journal of Entrepreneurship, 22 (4), pp. 1-8.
- Ivanauskiene, N., Volungenaite, J.
   Relations between service quality and customer loyalty: an empirical investigation of retail chain stores in emerging markets
   (2014) American International Journal of Social Science, 3 (2), pp. 113-120.
- Javed, F., Cheema, S.
   Customer satisfaction and customer perceived value and its impact on customer loyalty: the mediational role of customer relationship management (2017) The Journal of Internet Banking and Commerce, 22 (8), pp. 1-14.
- Jayasankaraprasad, C., Kumar, P.V.V.
   Antecedents and consequences of customer satisfaction in food and grocery retailing: an empirical analysis
   (2012) Decision, 39 (3), pp. 101-140.
- John, J.
   An analysis on the customer loyalty in telecom sector: special reference to Bharath Sanchar Nigam limited, India
   (2011) African Journal of Marketing Management, 3 (1), pp. 1-5.
- Kajenthiran, K.
   An empirical investigation on retail service quality and its impact on customer loyalty in the supermarkets in Jaffna District, Sri Lanka
   (2018) Advances in Management and Applied Economics, 8 (1), pp. 17-36.

- Kazakeviciute, A., Banyte, J.
   The relationship of consumers 'perceived hedonic value and behavior (2012) Engineering Economics, 23 (5), pp. 532-540.
- Khan, A.M., Jantan, A.H.B., Salleh, L.B.M., Datoâ, Z., Islam, M.A., Hosen, S.
   The impact of transformational leadership effects on innovative work behavior by the moderating role of psychological empowerment
   (2019) Journal of Reviews on Global Economics, 8 (1), pp. 925-938.
- Khokhar, S.Z., Hussain, F., Qureshi, T.M., Anjum, I., Samran, A., Arshad, R.
   Only customer satisfaction and customer loyalty is not enough: a study of Pakistan's telecom sector
   (2011) African Journal of Business Management, 5 (24), pp. 10176-10181.
- Kitapci, O., Taylan Dortyol, I., Yaman, Z., Gulmez, M.
   The paths from service quality dimensions to customer loyalty: an application on supermarket customers
   (2013) Management Research Review, 36 (3), pp. 239-255.
- Kline, R.B.
   (2011) Principals and Practice of Structural Equation Modelling,
   3rd ed., Guilford, New York
- Kotler, P., Armstrong, G.
   (2014) Principles of Marketing,
   15th ed., Pearson, Upper Saddle River
- Lahap, J., Ramli, N.S., Said, N.M., Radzi, S.M., Zain, R.A.
   A study of brand image towards customer's satisfaction in the Malaysian hotel industry
   (2016) Procedia-Social and Behavioral Sciences, 224 (1), pp. 149-157.
- Lai, Y.H.
   Enhance online purchase intentions: the role of perceived value, trust and commitment
   (2015) Journal of Tourism and Hospitality Management, 3 (2), pp. 89-99.
- Lam, A.Y., Lau, M.M., Cheung, R.
   Modelling the relationship among green perceived value, green trust, satisfaction, and repurchase intention of green products
   (2016) Contemporary Management Research, 12 (1), pp. 47-60.
- Lee, Y.J., Kao, P.H.
   Effects of service quality on customer loyalty–a case of Taiwanese watson's personal care stores
   (2015) Universal Journal of Management, 3 (5), pp. 187-197.
- Leen, J., Ramayah, T.
   Validation of the RSQS in apparel specialty stores
   (2011) Measuring Business Excellence, 15 (3), pp. 16-18.
- Leninkumar, V.
   The relationship between customer satisfaction and customer trust on customer loyalty
   (2017) International Journal of Academic Research in Business and Social Sciences, 7 (4), pp. 450-465.
- Lepkova, N., Zukaite-Jefimoviene, G.
   Study on customer satisfaction with facilities management services in Lithuania (2012) Slovak Journal of Civil Engineering, 20 (4), pp. 1-16.

• Li, J.

# Factor affecting customer satisfaction and customer loyalty towards belle footwear company in Lanzhou

(2013) Journal of Business and Management, 14 (2), pp. 41-48.

Lim, H., Widdows, R., Park, J.
 M-loyalty: winning strategies for mobile carriers

(2006) Journal of Consumer Marketing, 23 (4), pp. 208-218.

• MacCallum, R.C., Browne, M.W., Sugawara, H.M. Power analysis and determination of sample size for covariance structure modeling (1996) *Psychological Methods*, 1 (2), pp. 130-149.

Maduka, A.C., Madichie, C., Eze, E.A.
 Globalization and economic growth: evidence from Nigeria
 (2017) International Journal of Social Science and Economic Research, 2 (8), pp. 4177-4191.

Malhotra, N.K.

(2010) *Marketing Research: An Applied Orientation*, 5th ed., Pearson/Prentice Hall, Upper Saddle River

· Marakanon, L., Panjakajornsak, V.

Perceived quality, perceived risk and customer trust affecting customer loyalty of environmentally friendly electronics products

(2017) Kasetsart Journal of Social Sciences, 38 (1), pp. 24-30.

• Mathwick, C., Malhotra, N., Rigdon, E.

Experiential value: conceptualization, measurement and application in the catalog and internet shopping environment

(2001) Journal of Retailing, 77 (1), pp. 39-56.

Minh, N.H., Ha, N.T., Anh, P.C., Matsui, Y.
 Service quality and customer satisfaction: a case study of hotel industry in Vietnam (2015) Asian Social Science, 11 (10), pp. 73-85.

• Minh, N.V., Huu, N.H.

The relationship between service quality, customer satisfaction and customer loyalty: an investigation in Vietnamese retail banking sector (2016) *Journal of Competitiveness*, 8 (2), pp. 103-166.

• Monroe, K.B.

(1990) *Pricing: Making Profitable Decisions*, McGraw–Hill, New York

 Moretta, T.A., Cavacece, Y., Russo, G., Granata, G.
 A systematic mapping study on customer loyalty and brand management (2019) Administrative Sciences, 9 (1), pp. 8-19.

• Mulyono, H.

Brand awareness and brand image of decision making on university (2016) *Jurnal Manajemen dan Kewirausahaan*, 18 (2), pp. 163-173.

 Nasser, H.A.M., Salleh, S., Gelaidan, H.M.
 Factors affecting customer satisfaction of mobile services in Yemen (2012) American Journal of Economics, 2 (7), pp. 171-184.

Nguyen, N., Leclerc, A., LeBlanc, G.
 The mediating role of customer trust on customer loyalty
 (2013) Journal of Service Science and Management, 6 (1), pp. 96-109.

- Nikhashemi, S.R., Paim, L.H., Sidin, S.M., Khatibi, A.
   Driving forces of hypermarket's customer loyalty: an empirical study in Malaysia (2014) Australian Journal of Basic and Applied Sciences, 8 (3), pp. 377-386.
- Omar, A.N., Aniza, C.W.C.A.A.N., Alam, S.
   Investigating the structural relationship between loyalty programme service quality, satisfaction and loyalty for retail loyalty programmes: evidence from Malaysia (2013) Measuring Business Excellence, 17 (1), pp. 33-50.
- Orel, F.D., Kara, A.
   Supermarket self-checkout service quality, customer satisfaction, and loyalty: empirical evidence from an emerging market (2014) Journal of Retailing and Consumer Services, 21 (2), pp. 118-129.
- Paul, T.J., Jacob, J.
   Self-service technology (web interface): Bagozzi's self-regulation processes framework to measure Indian customer loyalty

   (2019) International Journal of Services and Operations Management, 32 (2), pp. 224-248.
- Prakash, N., Somasundaram, R., Krishnamoorthy, V.
   An empirical study on apparel retail service quality and its impact on customer loyalty in specialty store
   (2018) International Journal of Services and Operations Management, 30 (4), pp. 505-519.
- Ranaweera, C., Prabhu, J.
   The influence of satisfaction, trust and switching barriers on customer retention in a continuous purchasing setting
   (2003) International Journal of Service Industry Management, 14 (4), pp. 374-395.
- Reichheld, F.F., Schefter, P.
   E-loyalty: your secret weapon on the web
   (2000) Harvard Business Review, 78 (4), pp. 105-113.
- Rizan, M., Warokka, A., Listyawati, D.
   Relationship marketing and customer loyalty: do customer satisfaction and customer trust really serve as intervening variables?
   (2014) Journal of Marketing Research and Case Studies, 1 (1), pp. 1-12.
- Sahin, A., Zehir, C., Kitapçı, H.
   The effects of brand experiences, trust and satisfaction on building brand loyalty; an empirical research on global brands
   (2011) Procedia-Social and Behavioral Sciences, 24 (1), pp. 1288-1301.
- Sanchez-Fernandez, R., Iniesta-Bonillo, M.A.

  The concept of perceived value: a systematic review of the research (2007) *Marketing Theory*, 7 (4), pp. 427-451.
- Schirmer, N., Ringle, C.M., Gudergan, S.P., Feistel, M.S.
   The link between customer satisfaction and loyalty: the moderating role of customer characteristics
   (2018) Journal of Strategic Marketing, 26 (4), pp. 298-317.
- Sekaran, U.
   (2003) Research Methods for Business: A Skill Building Approach,
   4th ed., John Wiley & Sons, Inc., New York
- Shala, E., Pira, B.
   The evaluation of service quality in the growing banking sector in Kosovo
   (2017) International Journal of Current Engineering and Technology, 7 (1), pp. 19-24.

- Shi, M., Zhou, J., Jiang, Z.
   Consumer heterogeneity and online vs. offline retail spatial competition (2019) Frontiers of Business Research in China, 13 (1), pp. 1-19.
- Shirazi, A., Zeynvand Lorestani, H., Karimi Mazidi, A.
   Investigating the effects of brand identity on customer loyalty from social identity perspective
   (2013) Iranian Journal of Management Studies, 6 (2), pp. 153-178.
- Siu, N.Y., Cheung, T.H.J.
   A measure of retail service quality
   (2001) Marketing Intelligence and Planning, 19 (2), pp. 88-96.
- Siu, N.Y., Chow, D.K.
   Service quality in grocery retailing: the study of a Japanese supermarket in Hong Kong
   (2004) Journal of International Consumer Marketing, 16 (1), pp. 71-87.
- Smigielska, G., Oczkowska, R.
   Retailers' competitiveness on global markets
   (2017) International Entrepreneurship Przedsiębiorczość Międzynarodowa, 3 (1), pp. 175-196.
- Suchanek, P., Kralova, M.
   Customer satisfaction, loyalty, knowledge and competitiveness in the food industry (2019) Economic research-Ekonomska istraživanja, 32 (1), pp. 1237-1255.
- Suchanek, P., Richter, J., Kralova, M.
   Customer satisfaction, product quality and performance of companies (2014) Review of Economic Perspectives, 14 (4), pp. 329-344.
- Suh, J.C., Youjae, Y.
   When brand attitudes affect the customer satisfaction-loyalty relation: the moderating role of product involvement
   (2006) Journal of Consumer Psychology, 16 (2), pp. 145-155.
- Tabachnick, B.G., Fidell, L.S.
   (2007) Using Multivariate Statistics,
   5th ed., Pearson Education, Boston
- Trif, S.M.

The influence of overall satisfaction and trust on customer loyalty (2013) *Management and Marketing*, 8 (1), pp. 109-128.

- Ushantha, R.A.C., Wijeratne, A.W., Achchuthan, S.
   An assessment of retail service quality: an empirical study of the RSQS in Sri Lankan supermarkets
   (2014) Developing Country Studies, 4 (3), pp. 78-90.
- Vazquez, R., Ruiz, A.V.
   Service quality in supermarket retailing: identifying critical service experiences (2001) Journal of Retailing and Consumer Services, 8 (1), pp. 1-14.
   Rodrı<sub>ģ</sub>uez-Del Bosque, I.A., Dı<sub>á</sub>z, A.M. and
- Wantara, P.
   The relationships among service quality, customer satisfaction, and customer loyalty in library services
   (2015) International Journal of Economics and Financial Issues, 5 (1), pp. 264-269.
- Weston, R., Gore, P.A.
   A brief guide to structural equation modeling

(2006) The Counseling Psychologist, 34 (5), pp. 719-751.

Yang, Z., Peterson, R.T.

Customer perceived value, satisfaction, and loyalty: the role of switching costs (2004) *Psychology and Marketing*, 21 (10), pp. 799-822.

· Youba, M.

Link between satisfaction and customer loyalty in the insurance industry: moderating effect of trust and commitment

(2018) Journal of Marketing Management, 6 (2), pp. 25-33.

• Yuen, E.F., Chan, S.S.

The effect of retail service quality and product quality on customer loyalty (2010) *Journal of Database Marketing and Customer Strategy Management*, 17 (3–4), pp. 222-240. Nos

Zainudin, A.

(2012) A Handbook on SEM: Structural Equation Modelling, 4th ed., Universiti Teknologi MARA, Kelantan

Zehir, C., Şahin, A., Kitapçı, H., Özşahin, M.

The effects of brand communication and service quality in building brand loyalty through brand trust; the empirical research on global brands (2011) *Procedia-Social and Behavioral Sciences*, 24 (1), pp. 1218-1231.

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