MATRIX METHOD OF THE EFFICIENCY LEVEL EVALUATION OF THE MARKETING COMMUNICATIONS COMPLEX OF AN AIRCRAFT

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DOI: 10.32342/2074-5354-2018-2-49-8

Key words: analysis of communication activities, matrix approach, estimation of the advertising efficiency, marketing communication complexes, matrices of marketing communication complexes.

Matrix approach to estimation of efficiency of the marketing communications complex, which providing with efficiency estimation of the structure and of order and of ratio to variations of use the elements of communication circulation and the amount of effort and resources expended. Matrix approach of estimation of efficiency is investigated in aviation and applied by the airline and taking into account the features of the use of marketing communications in this area. Evaluation of each element of the advertising appeal is analyzed for impact and effectiveness in relation to the entire complex of marketing communications of the airline. This method also makes it possible to assess its importance relative to the remaining elements of marketing communications, and makes it possible to calculate the overall impact not only on the company's image, but also on the awareness of existing consumers and future customers of the airline. The proposed method can calculate the necessary costs relative to the effectiveness of the use of a certain set of marketing impact tools on the consumer. The use of the proposed methodology allows to optimize the effectiveness of forming a complex of marketing communications and increase the indicators of image and awareness of consumers, as well as calculate the increase in profit and optimize the data based on recommendations for a specific allocation of funds.

References

- 1. Beliaevskyj, Y.K. (2004). *Marketynhovoe ysledovanye: ynformatsyia, analyz, prohnoz: Uchebnoe posobye dlia studentov VNZ* [Marketing research: information, analysis, forecast: A manual for students of higher educational institutions]. Moscow, Fynansy y Statystyka Publ., 414 p.
- 2. Petrovs'ka, S.V., Sergiienko, S.A. (2012) *Matrychnyj metod analizu ta optymizatsii kompleksu marketynhovykh komunikatsij aviakompanii* [Matrix method of analysis and optimization of the complex of marketing communications of the airline]. *Problemy systemnoho pidkhodu v ekonomitsi* [Problems of a Systemic Approach in Economics]. Kiev, NAU, issue 33, pp. 172-177.
- 3. Sergiienko, S.A. (2011) *Efektyvnyj kompleks marketynhovykh komunikatsij na rynku aviatransportnykh perevezen* [An effective marketing communication package in the air transport market]. *Problemy systemnoho pidkhodu v ekonomitsi* [Problems of a Systemic Approach in Economics]. Kiev, NAU, issue 38, pp. 107-113.
- 4. Schelkunov, V.Y., Kulaev, Yu.F. (2010). *Ekonomyka hrazhdanskoj avyatsyy Ukrayny*. [Economics of Ukrainian civil aviation]. Kiev, Fenyks Publ., 736 p.
- 5. Nemchynov, V.S. (1965). *Ekonomyko-matematycheskye metody y modely* [Economic and mathematical methods and models]. Moscow, Publishing house "Thought", 477 p.
- 6. Sergiienko, S.A. Formuvannia kompleksu marketynhovykh komunykatsyj za metodom analizu, syntezu ta optymizatsii (ASO) [Formation of the complex of marketing communications by the method of analysis, synthesis and optimization (ACO)]. Ekonomichni studii [Economic Studies]. 2015, no. 4 (08), pp. 81-85.
- 7. Sergiienko S.A. (2013). Alhorytm roboty matrychnoho metodu formuvannia kompleksu marketynhovykh komunikatsij [Algorithm of the matrix method of forming a complex of marketing communications]. Problemy systemnoho pidkhodu v ekonomitsi [Problems of a Systemic Approach in Economics]. Kiev, NAU, issue 43, pp.130-134.