

# AHI EVRAN

*International Conference  
on Scientific Research*

*Kırşehir Ahi Evran University*



*"Know how to forgive  
when you are strong and superior  
be gentle when you are angry and  
be generous enough to give to others  
even when you are in need"*

Ahi Evran

**ABSTRACT BOOK**

**EDITOR:**

**Prof. Dr. Ahmet KAZANKAYA**

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## ABSTRACT BOOK

**Editor:**

Prof. Dr. Ahmet KAZANKAYA

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**THE ROLE OF THE FLAG CARRIER AIRLINE ON EXPORT: TODA-YAMAMOTO  
CAUSALITY ANALYSIS**

**Eyup ATIOĞLU**

*Cappadocia University, School of Applied Sciences, Aviation Management*  
*ORCID: 0000-0001-9460-4822*

**ABSTRACT**

The trade deficit, which is among the most important factors affecting the current account deficit, is one of the main obstacles to sustainable economic growth. In this context, both developed and developing countries pursue strategies to increase exports.

In this study, the relationship between Turkey's exports and Turkish Airlines (THY), which is the flag carrier airline, revenue passenger kilometer and load factor was examined by the Toda-Yamamoto causality test. The data set of the study includes 36 observations on a quarterly basis between 2011 and 2019.

According to the findings obtained in the Toda-Yamamoto causality test, causality at the 5% significance level was determined from THY's load factor and from revenue passenger kilometer to Turkey's exports. On the other hand, causality could not be determined at 5% significance level from export to load factor, while causality was observed at 10% significance level. In the study, causality at the 5% significance level was determined from revenue passenger kilometer to load factor. Finally, no causality can be detected at the 5% significance level from the load factor to the revenue passenger kilometer, while causality is observed at the 10% significance level.

According to the findings obtained in the study, it has been revealed that THY, the flag carrier of Turkey, has a contribution on exports, and it is of great importance to maintain the investments made in the civil aviation sector in order to reduce the trade deficit and ensure sustainable economic growth.

**Keywords:** Export, Turkish Airlines (THY), Toda-Yamamoto Causality Test