

First of all, Pearson's correlation between Bahrain and Saudi Arabia stock markets was calculated, which showed that these stock markets are highly correlated with a correlation coefficient of 0.82. The high correlation coefficient also implies that only one of these stock prices could be used in the regression equation, hence, the second step was to find the correlation between these stock market prices and the traffic. This could be because the majority of the traffic on this corridor is generated from Saudi Arabia for tourism and business purposes due to Bahrain's recreational attraction points and flexible banking and financial systems (Khan and Bhatti, 2008; Nuruzzaman, 2013). Therefore, it was decided to use the Saudi Arabia stock market prices for predicting the weekly average traffic.