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Terrorism, Economic Downturns and Elections

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Terrorism, economic downturns and elections

Introduction

The available empirical evidence indicates that electoral outcomes are related to economic conditions. More specifically, economic downturns punish incumbents as they are held responsible for economic adversity (see Fair 2009, Lewis-Beck 1986 and Pacek 1994).

Economic issues and electoral outcomes have been extensively analyzed in the political business cycle models (e.g. Nordhaus 1975). These models assume voters dislike inflation and unemployment and they vote in favor of the incumbent (opposition) party if the economy experiences low (high) inflation and unemployment. Therefore, the vote share of the incumbent party should be decreasing in past inflation and unemployment.

According to Hibbs (1977), members of left-wing parties are more concerned with unemployment and less concerned with inflation, whereas members of right-wing parties have opposite preferences. Voters have different preferences and vote for the right or left wing parties accordingly. Therefore we expect to see an increase in the right-wing vote share after a period of high inflation and an increase in the left-wing vote share after a period of high unemployment.

Terrorism has also been considered a factor that influences election results. Berrebi and Klor (2006, 2008) have proved that terrorism affects electoral outcomes in Israel. They find that high terrorist...
Economic downturns punish incumbents as they are held responsible for economic adversity

The March 11th attacks

In the case of Spain, the importance of terrorism in shaping people’s political preferences has been the core of a hot debate. The March 11th terrorist attacks in Madrid took place three days before general
The 2004 Madrid train bombings resulted in an electoral swing which punished the incumbent

This research package uses a fractional probit model (Papke and Wooldridge 2008) to estimate vote shares equations using a panel of the fifty Spanish provinces (constituencies) during the ten general elections held after Franco’s dictatorship. The fractional probit model takes into account the bounded nature of vote shares and specifies the conditional mean of vote shares as a nonlinear function of unemployment, inflation, terrorism, turnout and unobserved provincial and election effects. We specify conditional means of district and election unobserved effects as linear functions of covariates. The estimated model is used to compute the partial effects of changes in the explanatory variables on vote shares at the provincial level. These partial effects are aggregated at the national level to obtain the National Partial Effects (NPE), which is the effect on national vote shares of changes in covariates.

Figure 2 shows the change in the incumbent's vote-share at the national level as a result of a one-standard deviation change in the number of terrorist assassinations in the province of Bizkaia. This figure also shows the number of terrorist assassinations measured on the right scale. The effect is always negative and ranges from 1 per cent, when terrorism in Spain was at its peak to 3 per cent in recent years, when terrorism reached its lowest values.

A detailed report of this research can be found in Gardeazabal (2010).

Policy recommendations

As a general rule, terrorism and economic downturns punish incumbent governments as they are held responsible. Economic downturns and terrorism have a significant effect on vote shares. The effect of economic downturns is larger than the effect of terrorism.

Governments might be tempted to use counter-terrorism policy as electoral tool. Therefore, the
implementation of some strategy-proof mechanism to deal with counter-terrorism policy might be advisable.

To the extent that results drawn here can be extrapolated elsewhere, low intensity cases should be specially monitored as the electoral effect of terrorism is larger the lower the intensity of terrorism.

Credits

This EUSECON Policy Briefing was authored by Javier Gardeazabal from the University of the Basque Country. The views expressed in this briefing are the authors’ alone.

References


