# STAT 225: LINEAR MODELS

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## RESEARCH QUESTION

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What is the relationship between terrorist activity and the political orientation of the head of government?

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#### Variables

### Dependent Variable.

• **terrorist activity**: the number of attacks on a country by a recognized *domestic* terrorist group.

### Research Variable.

• political orientation: the left-right orientation.

### Control Variables.

- head of government: the president (in a presidential system) or the prime minister (in a parliamentary or mixed system) [0/1 variable].
- economic strength: the change in GDP per capita for the previous year