

APPENDIX B

The dummy regressor Geopolitical Events considers this list of events in setting a value of 0 or 1:

Political

- November 1998 - U.S. presidential election, (former Vice president George H. W. Bush is elected)
- December 1991 - Dissolution of USSR, recognition of the independence of twelve member states after the resignation of Mikhail Gorbachev as president of the Union. Cold war formally ends.
November 1992 - United States presidential elections: former Arkansas Governor Bill Clinton is elected as President, defeating incumbent George H. W. Bush and Texas businessman Ross Perot.
December 1993 - The North American Free Trade Agreement is signed by the United States, Canada and Mexico
- November 1995 - United States Federal Government shutdown: a budget crisis causes the entity to partially shut down until the 6th of January of the successive year.
- January 2001 - Proclamation of George W. Bush as the 43rd President of the United States.
- October 2001 - The USA PATRIOT ACT, increasing law enforcement agencies' ability to conduct searches in cases of suspected terrorism, is signed and becomes law.
- November 2004 - U.S. presidential election: President George W. Bush is reelected.
November 2008 - U.S. presidential election: Barack Obama is elected as the 44th President of the United States.
- May 2011- Death of Osama bin Laden: Al-Qaeda head Osama bin Laden is killed by United States forces in Abbottabad, Pakistan.

Natural disasters

- March 1989 - Exxon Valdez oil spill: an oil tanker strikes a reef in Prince William Sound, spilling over 11 million gallons of crude oil in the Gulf of Alaska.
- September 1989 - Hurricane Hugo strikes the East Coast, killing 49 people and causing \$7 billion in damage.
- October 1989 - Loma Prieta earthquake kills 63 in greater San Francisco Bay Area
- August 1992 - Hurricane Andrew kills sixty-five people and caused \$26 billion in damage to Florida and other areas of the Gulf Coast.
April-October 1993 - Massive flooding along the Mississippi and Missouri Rivers kills 48 people and caused \$30.2 billion in damage; being the costliest flood in U.S. history.
- January 1994 - The 1994 Northridge earthquake, striking the Northridge, Los Angeles area, kills fifty-seven people and leaving 20,000 others homeless; causing \$20 billion in damage and being the costliest earthquake in U.S. history.
- May 1999 - Oklahoma tornado outbreak: A violent tornado outbreaks in Oklahoma killing fifty people and producing a tornado which caused \$1 billion in damage.
- February 2004 - Atlantic hurricane season: four deadly and damaging hurricanes impact Florida, killing a combined one hundred people in the United States and producing over \$50 billion in damage.
- August 2005 - Hurricane Katrina: A hurricane devasts the Louisiana, Mississippi, and Alabama coastlines killing at least 1,836 people and causing \$81 billion in damage.
- February 2008 - Super Tuesday tornado outbreak: an outbreak of tornadoes kills over sixty people and produces \$1 billion in damage across Arkansas, Kentucky, Tennessee, and Alabama.
September 2008 - Hurricane Ike: a hurricane kills 100 people along the Texas coast, producing \$31 billion in damage and contributing to rising oil prices.
- April 2010 - Deepwater Horizon oil spill: The BP oil rig Deepwater Horizon explodes in the Gulf of Mexico, killing 11 workers and spilling 4.9 million barrels of oil into the Gulf over an 87-day period; being the largest marine oil spill in the history of the petroleum industry.

- April 2011 - The largest tornado outbreak ever in United States history occurs in the American Midwest and Southern United States killing 348 People and causing 11 Billion Dollars in Damage.

Wars that can possibly take value of 1 in the dummy variable are:

- December 1989 - Operation Just Cause: 26,000 U.S. military personnel is deployed in the U.S. invasion of Panama, removing Military Governor Manuel Noriega from power and restoring Panama's democratically elected government.
- August 1990 - Gulf War: Iraqi President Saddam Hussein leads the deployment of 140,000 Iraqi troops in the invasion of Kuwait.
- January 1991 - Operation Desert Storm: The United States lead 34 coalition nations in the invasion of Ba'athist Iraq; deploying over 500,000 U.S. military personnel in response to Iraq's annexation of Kuwait.
- October 2001 - War in Afghanistan (2001–present): The United States launch an invasion of Afghanistan.
- March 2003 - Invasion of Iraq: The United States, United Kingdom, Australia and Poland invade Iraq.
- January 2007 - Iraq War troop surge of 2007: George W. Bush orders the substantial increase of the number of United States troops in Iraq.
- March 2011 - Operation Odyssey Dawn: The United States begin air and cruise missile attacks against Libya.
- December 2011 - Withdrawal of U.S. troops from Iraq: The last United States troops withdraw from Iraq under the terms of the U.S.–Iraq Status of Forces Agreement.

The dummy variable Terrorist Attacks assigns a value 0 or 1 for the following:

- February 1993 - World Trade Center bombing: a truck bomb explodes in the parking garage under the World Trade Center in Manhattan, killing six people and injuring 1,042 others.
- April 1995 - Oklahoma City bombing: a bombing kills 168 and wounds eight hundred.

- June 1996 - Khobar Towers bombing: a bombing leaves nineteen American servicemen dead in Saudi Arabia.
- July 1996 - Centennial Olympic Park bombing: a bombing in Atlanta kills one and injured 111.
- August 1998 - U.S. embassy bombings: 224 persons are killed in bombings in Tanzania and Kenya.
- October 2000 - USS Cole bombing: The USS Cole is bombed in Yemeni waters, killing seventeen United States Navy sailors.
- September 2001 – September 11 attacks: nineteen terrorists hijack four planes and crash them into the World Trade Center, The Pentagon, and a field in Shanksville, Pennsylvania killing nearly three thousand people and injuring over six thousand.