Untitled

Quarto

Quarto enables you to weave together content and executable code into a finished document. To learn more about Quarto see https://quarto.org.

Running Code

When you click the **Render** button a document will be generated that includes both content and the output of embedded code. You can embed code like this:

```
1 + 1
```

```
[1] 2
```

You can add options to executable code like this

```
[1] 4
```

The `echo: false` option disables the printing of code (only output is displayed).

Equations (Equation 2) and (Equation 1)

$$\Delta Y_t = \alpha_0 + \alpha_2 t + \sum_{i=1}^{n-1} \theta_i \Delta Y_{t-i} + \sum_{i=0}^{m-1} \gamma_i \Delta \mathbf{X_{t-i}} + \delta_0 Y_{t-1} + \delta_i \mathbf{X_{t-1}} + u_t \tag{1}$$

$$\mathbf{y_t} = \ '\mathbf{y_t} + \ _1 \ \mathbf{y_{t-1}} + ... + \ _{p-1} \ \mathbf{y_{t-p+1}} + \ \mathbf{D_t} + \mathbf{u_t} \tag{2}$$