

# Fixed Effects and Differences in Differences

true

2022-02-20

## Contents

<b>1</b>	<b>Fixed Effects</b>	<b>1</b>
<b>2</b>	<b>Differences in Differences</b>	<b>1</b>

## 1 Fixed Effects

$$y_{it} = \beta_0 + \beta \text{treatment}_{it} + \beta \text{time}_{it} + u_{0i} + e_{it}$$

## 2 Differences in Differences

$$y_{it} = \beta_0 + \beta \text{treatment}_{it} + \beta \text{time}_{it} + \beta \text{time}_{it} \times \text{treatment}_{it} + u_{0i} + e_{it}$$