Units	PO w/ Treatment	PO w/o Treatment	Realised Outcome
Treatment Group ($D_i = 1$)	$\mathrm{E}[\mathrm{Y}_{i1}\|D_i = 1]$	$\mathrm{E}[\mathrm{Y}_{i0}\|D_i = 1]$	$\mathrm{E}[\mathrm{Y}_{i1}\|D_i = 1]$
Control Group ($D_i = 0$)	$\mathrm{E}[\mathrm{Y}_{i1}\|D_i = 0]$	$\mathrm{E}[\mathrm{Y}_{i0}\|D_i = 0]$	$\mathrm{E}[\mathrm{Y}_{i0}\|D_i = 0]$

Term	**Meaning**
$E[Y_1 - Y_0]$	Average Treatment Effect (ATE). Average difference in potential outcomes.
$E[Y_1 - Y_0\|D = 1]$	Average Treatment Effect on the treated (ATT). Average difference in potential outcomes for those that received treatment. This is what we estimate when treated and control units are not interchangeable.
$E[Y_{i1}\|D_i = 1] - E[Y_{i0}\|D_i = 0]$	Difference in observed (realised) outcomes between treatment and control groups.
$E[Y_{i0}\|D_i = 1] - E[Y_{i0}\|D_i = 0]$	Difference in potential outcomes without treatment between groups. This is the expected difference in the outcome between treatment and control group if none received treatment (*'selection bias'*).