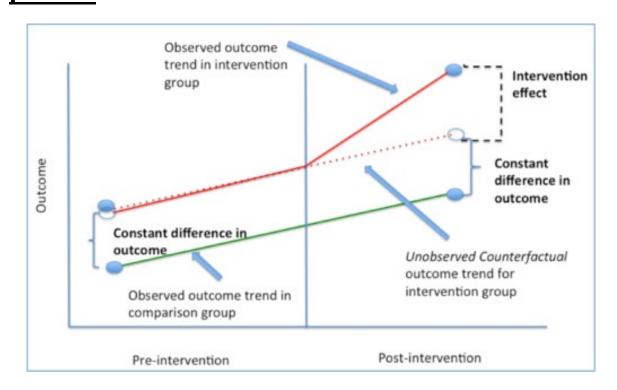
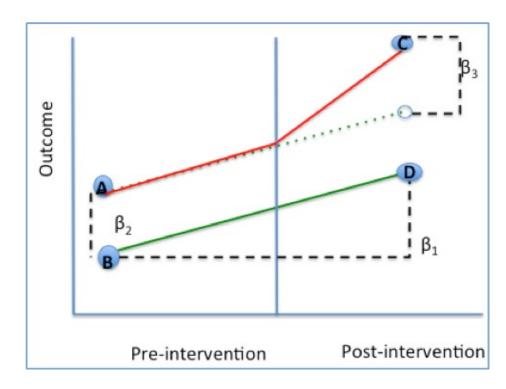
Standard DD: treatment and control groups have parallel trends in the <u>pre-treatment</u> period





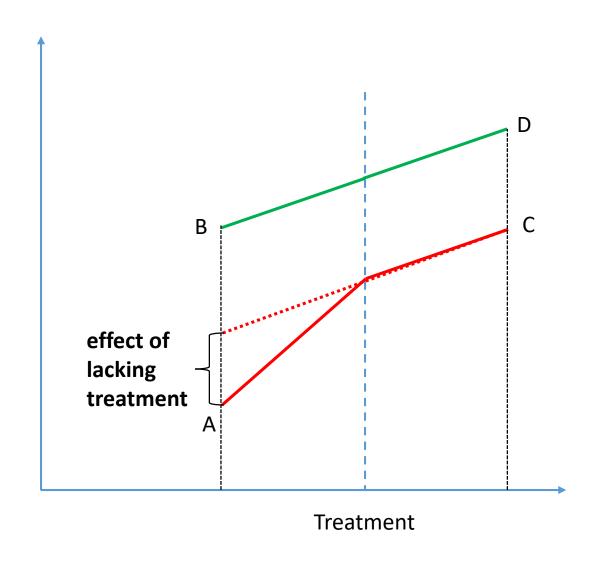
DD estimate = (C-A)-(D-B).

Interpretation: effect of treatment

Source: Columbia University, school of public health.

https://www.publichealth.columbia.edu/research/population-health-methods/difference-difference-estimation

Variant of DD: treatment and control groups have parallel trends in the <u>post-treatment period</u>

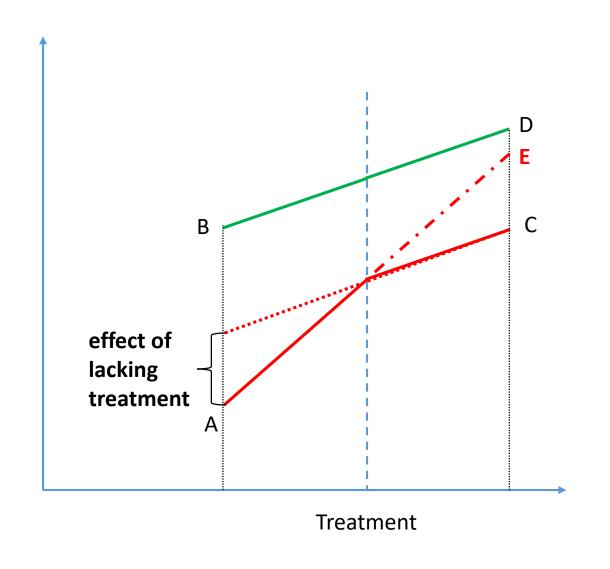


DD estimate = (C-A)-(D-B).

Interpretation: effect of lacking

treatment

Variant of DD: treatment and control groups have parallel trends in the <u>post-treatment period</u>



DD estimate = (C-A)-(D-B).
Interpretation: effect of lacking treatment

E: where the treated group would be if there were no treatment

Chemin and Wasmer (2009) uses such an approach in their study.