

**teffects** — Treatment-effects estimation for observational data

[Description](#)    [Syntax](#)    [Also see](#)

## Description

`teffects` estimates potential-outcome means (POMs), average treatment effects (ATEs), and average treatment effects on the treated (ATETs) using observational data. Regression-adjustment, inverse-probability-weighting, and matching estimators are provided, as are doubly robust methods that combine regression adjustment and inverse-probability weighting. `teffects overlap` plots the estimated densities of the probability of getting each treatment level.

The outcomes can be continuous, binary, count, fractional, or nonnegative. The treatment model can be binary, or it can be multinomial, allowing for multivalued treatments.

For a brief description and example of each estimator, see [Remarks and examples](#) in [TE] [teffects intro](#).

## Syntax

```
teffects subcommand ... [ , options ]
```

<i>subcommand</i>	Description
<code>aipw</code>	augmented inverse-probability weighting
<code>ipw</code>	inverse-probability weighting
<code>ipwra</code>	inverse-probability-weighted regression adjustment
<code>nnmatch</code>	nearest-neighbor matching
<code>overlap</code>	overlap plots
<code>psmatch</code>	propensity-score matching
<code>ra</code>	regression adjustment

## Also see

[TE] [teffects intro](#) — Introduction to treatment effects for observational data

[TE] [teffects intro advanced](#) — Advanced introduction to treatment effects for observational data

[TE] [teffects multivalued](#) — Multivalued treatment effects