Functions

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Below are the functions that need to be implemented:

- `boot(model, fn, type)`
- `boot.parametric(y,X,Z,beta)` is for the general parametric.
- `boot.residual` is for the residual.
- `boot.case` is for the cases.
- `boot.cgr` is for the semiparametric.
- `boot.reb(residuals, reb_type=(0,1,2))` will be the generalized REB function where it is passed a vector of residuals and the type of Bootstrap we want. `reb_type=0` is REB, `reb_type=1` is REB/1, and `reb_type=2` is REB/2.
- `boot.reb1(residuals)` will take care of REB/1 before bootstrapping. It should be passed a vector of residuals.
- `boot.reb2(bootstrap)` will take care of REB/2 after bootstrapping. It should be passed the results from `boot.reb`.
- `simulate(model, parameters)` will take care of generating bootstrap samples from the model which is passed in and a vector of parameters.
- `estimate` will compute estimates for all parameters of two-level models
- `print`