• Account for survey design in tabulations, summary statistics, and most regression models

• Sampling design
  » Sampling weights
  » Stratification
  » Clustering
  » Multistage
  » Finite population corrections

• Variance estimates
  » Taylor-series linearization
  » Balanced and repeated replications (BRR)
  » Jackknife
  » Bootstrap
  » Successive difference replication (SDR)

• Subpopulation estimation

• Poststratification

• Raking

• Calibration

• DEFF

• MEFF

Stata analyzes data from any sampling design, whether simple or complex.

Just `svyset` it and forget it.

Simple random sample

  `svyset _n`

One-stage cluster design, specifying sampling weights

  `svyset psu [pweight=pw]`

One-stage cluster design with weights and stratification

  `svyset psu [pweight=pw], strata(strata)`

Two-stage design

  `svyset psu [pweight=pw], fpc(fpc1) || _n, fpc(fpc2)`

Two-stage design with stage-level sampling weights

  `svyset psu, fpc(fpc1)`
  `weight(pweight1) || _n, weight(pweight2)`

BRR replicate weights

  `svyset [pweight=pw], brrweight(brr1-brr32)`

Specify the design just once. Then add the `svy:` prefix to your command, and results are automatically adjusted to account for the sampling design.
You can account for the design when you are estimating means,

```
.svy: mean x
```

and when you are estimating totals,

```
.svy: total x
```

You can also adjust for the sampling design when fitting

- Logistic regression
- Poisson regression
- Ordered probit regression
- Multinomial logistic regression
- Generalized linear models (GLMs)
- Cox proportional hazards model
- Parametric survival models
- Instrumental-variables regression
- Selection models
- Multilevel models
- Structural equation models (SEMs)
- Generalized linear models (GLMs)
- Cox proportional hazards model
- Parametric survival models
- Instrumental-variables regression
- Selection models
- Multilevel models
- Structural equation models (SEMs)
- and much more

You can account for the design when you are fitting a linear regression model,

```
.svy: regress y x
```

and when you are constructing contingency tables,

```
.svy: tabulate x1 x2
```

Learn more about survey data and other Stata features at [stata.com/features](http://stata.com/features).