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Subject: Re: k fold cross validation for logistic regression in R  
Posted by [Bridgette-DHS](#) on Mon, 27 Mar 2023 12:05:00 GMT  
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Following is a response from DHS Senior Analysis & Research Manager, Shireen Assaf:

```
# install and load the packages you need
install.packages("survey")
library(survey)
```

```
# setting your survey design
# To identify the survey design, you need three variables: weight, psu, and strata
```

```
# creating the sampling weight variable.
IRdata$wt <- IRdata$v005/1000000
```

```
mysurvey<-svydesign(id=IRdata$v021, data=IRdata, strata=IRdata$v022, weight=IRdata$wt,
nest=T)
options(survey.lonely.psu="adjust")
```

```
#now you can use the svy commands in the survey package and use the "mysurvey" sample
design object. Check the commands you can use in the survey package.
```

```
# for example
```

```
# table of variable v313 (FP use) this is after you attach your data. You can also use svyby,
svyglm, etc.
```

```
svytable(~v313, mysurvey)
```