
Subject: Re: Variable for Age-Specific Fertility Rate
Posted by [schoumaker](#) on Fri, 13 Mar 2020 08:17:22 GMT
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Hello,

tfr2 allows you to estimate the effects of individual level variables on fertility.

For instance,

```
xi: tfr2 i.v106
```

will provide rate ratios by level of education.

```
xi: tfr2 i.v106 i.v025
```

will provide rate ratios by level of education and place of residence.

tfr2 uses a Poisson regression. These models assume that the age pattern of fertility is the same across categories of explanatory variables. This is usually OK, but you may want to relax that assumption.

The tabexp stata command (that comes with tfr2) can be used to prepare data that you can analyze with a Poisson regression (or another model). tabexp will give you the number of births and exposure for the combinations of variables that you would like to include in your model.

For instance

```
xi: tabexp i.v106 i.v025
```

If you want to take account of clustering in your model, type

```
xi: tabexp i.v106 i.v025, cluster(v001)
```

Hope this helps,

Best.

Bruno
