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Subject: Re: Multi-level approximated weights

Posted by [Alessandra tangianu](#) on Wed, 19 Apr 2023 13:23:57 GMT

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Dear Sara,

As I am following the approach present in the AS82, I was wondering whether you could help with a question on the analysis.

I am running my multilevel logistic regression with melogit and svy set and I already constructed the multilevel weights. I do see in the analysis part of the AS82 publication that after using the melogit model with svyset you could calculate the VIF and check for multicollinearity. However, when attempting to do the same it is impossible to me as the command doesn't work and even after trying this command:

```
display "tolerance = " 1-e(r2) " VIF = " 1/(1-e(r2))
```

it does not seem to work. Would you have any suggestion on how to proceed?

Kind regards,  
Alessandra