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Subject: fixed effects and inflation factors

Posted by [AdrianeW](#) on Sat, 25 May 2013 18:26:54 GMT

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Hello:

I'm trying to run a fixed-effects logistic regression to look at the association between marital status and hiv testing. I'm looking for advice on what regional variable I can use as a fixed effect? When I use the variable for state (v101), I get the error "Hessian is not negative semidefinite" and when I use the psu (s021), many observations get dropped because the # of women who get tested is limited.

Also, I recoded the marital status variable to be 3 dummies: never married, currently married, and formerly married. Do I need to use the inflation facto (AWFACTT)? If so, how do I incorporate this?

Thank you for your consideration.

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