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Subject: Regions as stratas

Posted by [Noorulain](#) on Mon, 14 Oct 2024 18:48:38 GMT

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Number of strata = 10

Number of obs = 4,516

Number of PSUs = 404

Population size = 4,461.1268

Design df = 394

F(11, 384) = 4.45

Prob > F = 0.0000

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      |           Linearized
m34_new | Odds ratio  std. err.   t   P>|t|   [95% conf. interval]
-----+-----
place_of_delivery_cat |
  Home | 1.056671   .1411085    0.41  0.680   .8126801   1.373916
  Government | .996002   .1372553   -0.03  0.977   .7596225   1.305938
      |
size_child_new |
  Small | .4480244   .0928376   -3.87  0.000   .2981096   .6733289
  Large | 2.385682   .6654784    3.12  0.002   1.378609   4.128423
      |
highest_edu_cat |
  No education | 1.468173   .2833936    1.99  0.047   1.004542   2.145786
  Primary | 1.060413   .2033389    0.31  0.760   .7273613   1.545965
  Secondary | .9829099   .1947128   -0.09  0.931   .6658441   1.450958
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```

Initially variable named "region" having four categories (sindh, punjab, balochistan, KPK) was in my multivariable model, I removed it later on because I was told that the "number of stratas 10" signifies region variable, so I was told to remove region from my multivariable model.

is this the correct approach? what does stratas and PSU signifies here. what does 10 stratas and 404 PSU signifies? should I removed it from my multivariable model? Once I removed this, my primary exposure variables becomes insignificant which was earlier significant otherwise. Leads on this?

I am using PDHS IR File, 2017-2018.

2) "Total children ever born" this variable has only live births and no still births, right? Reference "PDHS IR FILE 2017-2018"