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Subject: Re: Multilevel Logistic Regression  
Posted by [phehintee@gmail.com](mailto:phehintee@gmail.com) on Thu, 04 Aug 2022 15:22:39 GMT  
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Thank you for your response

I performed the following with the information provided in the shared link. I want to confirm if I got it right.

\*\*\*\*\*

\* Stage A \*\*\* Compile parameters/inputs for Level-weights calculations

```
. *****
```

```
. * a_c_h completed clusters by strata
```

```
. gen a_c_h=.  
(94,388 missing values generated)
```

```
. quietly levelsof v022, local(lstrata)
```

```
. quietly foreach ls of local lstrata {  
. tab v021 if v022==`ls', matrow(T)  
. scalar stemp=rowsof(T)  
. replace a_c_h=stemp if v022==`ls'  
. }
```

```
. replace a_c_h=stemp if v022==`ls'
```

```
gen DHSwt = v005 / 1000000
```

\*Step 1. De-normalize the final weight, using approximated normalization factor

```
. gen d_HH = DHSwt * (249454252/80137279)
```

```
. gen f = d_HH / ((696232/a_c_h) * (69361.60205/22))
```

\* Calculating the level-weights based on different values of alpha

```
. local alphas 0 0.1 .25 .50 .75 0.90 1
```

```
. local i = 1
```

Secondly, I do not know how to apply this part, I am using a p-value of 0.05, please how do I apply it

\* Calculating the level-weights based on different values of alpha

```
foreach dom of local alphas{  
gen wt2_`i' = (A_h/a_c_h)*(f^`dom')  
gen wt1_`i' = d_HH/wt2_`i'  
local ++i  
}
```

Thanks in anticipation of your response

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