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Subject: Applying weights to multilevel hazard analysis using Cox regression

Posted by [Ugonna](#) on Wed, 19 Jan 2022 21:18:51 GMT

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Hello everyone,

I'm running a Stata code for frailty survival model (multilevel hazard analysis) using 2018 Nigeria Demographic and Health Survey Data.

I wrote the design code using the guide provided on this forum:

```
svyset v021, weight(wt2_1) strata(v022) , singleunit(centered) || _n, weight(wt1_1)
```

But when I applied the weight in the code below, it returned an error message that 'option shared() was not allowed with the svy prefix'

```
svy: stcox i.w_quintile elect i.anc i.v024 v025 poverty_prop sec_edu_prop, efron shared(v021) || v021:
```

Please how do I apply weight when running a multilevel hazard analysis using Cox regression?

Thank you.

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