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Subject: Re: Melogit and Weights  
Posted by [Yawo](#) on Fri, 07 Aug 2020 14:04:40 GMT  
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Thanks again, I am able to avoid the error if I recreate the psu and strata taking sex/gender into account as below:

```
egen psupool= group(idhspsu sample sex)  
egen stratapool= group(idhsstrata sample sex)
```

Here is my model: `svy: melogit condomless_spouse sex || psupool:`

Here again is a brief listing showing constant weights within each psu.

```
. list sample sex idhspid idhspsu idhsstrata psupool stratapool weight in 1/20
```

```
+-----+  
| sample sex idhspid idhspsu idhsstrata psupool strata~l weight |  
+-----+  
1. | Angola 2015 male 2401 00010003 3 2401000001 2401000018 1 321  
.979475 |  
2. | Angola 2015 male 2401 00010001 1 2401000001 2401000018 1 321  
.979475 |  
3. | Angola 2015 male 2401 00010002 1 2401000001 2401000018 1 321  
.979475 |  
4. | Angola 2015 male 2401 00010008 3 2401000001 2401000018 1 321  
.979475 |  
5. | Angola 2015 male 2401 00010004 1 2401000001 2401000018 1 321  
.979475 |  
+-----+  
6. | Angola 2015 male 2401 00010014 1 2401000001 2401000018 1 321  
.979475 |  
7. | Angola 2015 male 2401 00010011 2 2401000001 2401000018 1 321  
.979475 |  
8. | Angola 2015 male 2401 00010003 1 2401000001 2401000018 1 321  
.979475 |  
9. | Angola 2015 male 2401 00010023 2 2401000001 2401000018 1 321  
.979475 |  
10. | Angola 2015 male 2401 00010001 3 2401000001 2401000018 1 321  
.979475 |  
+-----+
```

11.   Angola 2015 .979475	male	2401	00010012 3	2401000001	2401000018	1	321
12.   Angola 2015 .979475	male	2401	00010026 1	2401000001	2401000018	1	321
13.   Angola 2015 1.001989	female	2401	00010001 02	2401000001	2401000018	2	18
14.   Angola 2015 1.001989	female	2401	00010002 03	2401000001	2401000018	2	18
15.   Angola 2015 1.001989	female	2401	00010002 02	2401000001	2401000018	2	18
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16.   Angola 2015 1.001989	female	2401	00010008 02	2401000001	2401000018	2	18
17.   Angola 2015 1.001989	female	2401	00010003 02	2401000001	2401000018	2	18
18.   Angola 2015 1.001989	female	2401	00010014 02	2401000001	2401000018	2	18
19.   Angola 2015 1.001989	female	2401	00010026 02	2401000001	2401000018	2	18
20.   Angola 2015 1.001989	female	2401	00010006 01	2401000001	2401000018	2	18
+-----+							