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* Stata Analysis Examples Replication for ASDA 2nd Edition
* Berglund April 2017
* Chapter 8
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* Example 8.1: Examining Predictors of a Lifetime Major Depressive Episode in the NCS-R Data.
```

```
use "P:\ASDA 2\Data sets\ncsr\ncsr_sub_13nov2015.dta", clear
rename *, lower
```

```
svyset seclustr [pweight = ncsrwtlg], strata(sestrat) vce(linearized) singleunit(missing)
svy: tab ag4cat mde, row se
svy: tab sex mde, row se
svy: tab ald mde, row se
svy: tab ed4cat mde, row se
svy: tab mar3cat mde, row se
```

```
* Table 8.6
```

```
svy: logistic mde i.ag4cat ib2.sex ald i.ed4cat i.mar3cat
svy: logistic mde i.ag4cat ib2.sex ald i.ed4cat i.mar3cat, coef
svy: logit mde i.ag4cat ib2.sex ald i.ed4cat i.mar3cat
svy: logit mde i.ag4cat ib2.sex ald i.ed4cat i.mar3cat, or
test 2.ag4cat 3.ag4cat 4.ag4cat
test 2.mar3cat 3.mar3cat
test 2.ed4cat 3.ed4cat 4.ed4cat
```

```
* margins plot and gof test
margins, dydx(ald) by(ag4cat)
marginsplot
estat gof
```

```
* Table 8.9
```

```
svy: logistic mde i.ag4cat ib2.sex ald i.ed4cat i.mar3cat i.ag4cat#ib2.sex ib2.sex#c.ald
i.ed4cat#ib2.sex ///
i.mar3cat#ib2.sex, coef

test 2.ag4cat#1.sex 3.ag4cat#1.sex 4.ag4cat#1.sex
test 1.sex#c.ald
test 2.ed4cat#1.sex 3.ed4cat#1.sex 4.ed4cat#1.sex
test 2.mar3cat#1.sex 3.mar3cat#1.sex
```

```
* Comparison of logit probit and cloglog
```

```
svy: logit ald i.ag4cat ib2.sex i.ed4cat i.mar3cat
test 2.ag4cat 3.ag4cat 4.ag4cat
test 2.mar3cat 3.mar3cat
test 2.ed4cat 3.ed4cat 4.ed4cat
```

```
svy: probit ald i.ag4cat ib2.sex i.ed4cat i.mar3cat
test 2.ag4cat 3.ag4cat 4.ag4cat
test 2.mar3cat 3.mar3cat
test 2.ed4cat 3.ed4cat 4.ed4cat
```

```
svy: cloglog ald i.ag4cat ib2.sex i.ed4cat i.mar3cat
test 2.ag4cat 3.ag4cat 4.ag4cat
test 2.mar3cat 3.mar3cat
test 2.ed4cat 3.ed4cat 4.ed4cat
```