# Party Identification

# March 5, 2012

```
> library(EffectStars)
> data(PID)
> PID$TYpage<-scale(PI</pre>
```

- > PID\$TVnews<-scale(PID\$TVnews)
- > PID\$Income<-scale(PID\$Income)
- > PID\$Age<-scale(PID\$Age)
- > PID\$Population<-scale(PID\$Population)

Effect Stars for the multinomial logit model for the party identification data.

```
> star.nominal(PID ~ TVnews + Income + Population + Age + Education, data = PID, + cex.cat = 1, cex.labels = 1.2, lwd.circle = 1.5)
```

#### \$odds

	(Intercept)	TVnews	Income	Population	Age	Educationhigh
Democrat	1.2697693	1.0582806	0.7116259	1.1196556	0.9525604	0.9280074
Independent	0.8687426	1.0047689	1.1809812	1.0560630	0.9699715	0.8700764
Republican	0.9065339	0.9404441	1.1898858	0.8457183	1.0823021	1.2384863

### \$coefficients

	(Intercept)	TVnews	Income	Population	Age		
Democrat	0.23883522	0.056645509	-0.3402029	0.11302115	-0.04860173		
Independent	-0.14070839	0.004757581	0.1663456	0.05454781	-0.03048857		
Republican	-0.09812683	-0.061403090	0.1738573	-0.16756895	0.07909030		
	Educationhigh						

Democrat -0.07471559 Independent -0.13917430 Republican 0.21388988

#### \$se

	(Intercept)	TVnews	Income	Population	Age
Democrat	0.08159012	0.05059120	0.05211331	0.04891692	0.05046203
Independent	0.08997610	0.05494477	0.05229213	0.05423293	0.05716037
Republican	0.08861351	0.05160839	0.04868781	0.06893654	0.05328049

Educationhigh

Democrat 0.1011709
Independent 0.1134218
Republican 0.1080806

## \$pvalues

(Intercept) TVnews Income Population Age

Democrat 0.001709832 0.1314270 3.329625e-11 0.010431039 0.16773993 Independent 0.058927354 0.4654993 7.336300e-04 0.157254467 0.29688305 Republican 0.134069717 0.1170647 1.779061e-04 0.007533365 0.06884958 Educationhigh

Democrat 0.23010277 Independent 0.10990175 Republican 0.02390881

\$p\_rel

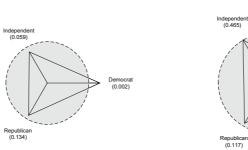
TVnews Income Population Age Educationhigh [1,] 0.3899686 5.937706e-11 0.009469671 0.3056525 0.1375192

\$xlim

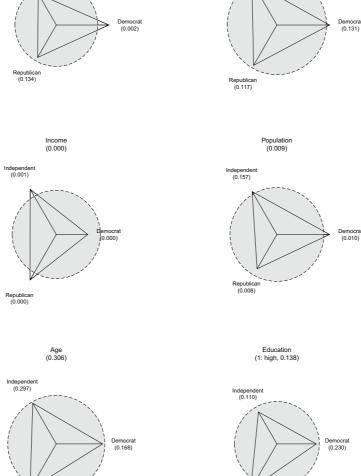
[1] 3.30140 12.69769

\$ylim

[1] 3.161726 17.738677



Intercept



TVnews (0.390)