

Party Identification

September 29, 2014

```
> library(EffectStars)
> data(PID)
> 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
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```
Democrat    0.003419664 0.2628540 6.659251e-11 0.02086208 0.3354799
Independent 0.117854708 0.9309987 1.467260e-03 0.31450893 0.5937661
Republican  0.268139434 0.2341293 3.558123e-04 0.01506673 0.1376992
```

```
Educationhigh
```

```
Democrat    0.46020555
Independent  0.21980350
Republican   0.04781762
```

```
$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
```

