

British Election Panel Study

March 5, 2012

```
> library(EffectStars)
> data(BEPS)
> BEPS$Europe<-scale(BEPS$Europe)
> BEPS$Age<-scale(BEPS$Age)
```

Effect Stars for the multinomial logit model for the BEPS data. The variable leader is category-specific, so it has to be transformed first.

```
> BEPS$Leader_Labour<-BEPS$Leader_Labour-BEPS$Leader_Cons
> BEPS$Leader<-BEPS$Leader_Labour
> BEPS$Leader_Liberals<-BEPS$Leader_Liberals-BEPS$Leader_Cons

> star.nominal(Vote ~ Age + Household + National_Economy + Household + Leader +
+ Europe + Political_Knowledge + Gender, data = BEPS,
+ xij = list(Leader~Leader_Labour+Leader_Liberals), catstar = F
+ , cex.cat = 1, cex.labels = 1.2, lwd.circle = 1.5, col.circle = "blue")
```

```
Leader
[1,] 0.7055805
$odds
```

	(Intercept)	Age	Household	National_Economy	Europe
Conservative	2.0619817	1.1967124	0.9391499	0.7662372	1.6213210
Labour	0.4989523	0.8770345	1.1178084	1.3832865	0.7545727
Liberal Democrat	0.9719774	0.9527820	0.9525718	0.9434626	0.8173911

```
Political_Knowledge Gendermale
```

Conservative	1.2581011	0.915207
Labour	0.7545625	1.040712
Liberal Democrat	1.0533901	1.049905

```
$coefficients
```

	(Intercept)	Age	Household	National_Economy
Conservative	0.72366750	0.17957811	-0.06278018	-0.26626356
Labour	-0.69524474	-0.13120898	0.11136999	0.32446217
Liberal Democrat	-0.02842276	-0.04836913	-0.04858981	-0.05819861

```
Europe Political_Knowledge Gendermale
```

Conservative	0.4832413	0.22960355	-0.08860497
Labour	-0.2816037	-0.28161715	0.03990555
Liberal Democrat	-0.2016376	0.05201361	0.04869941

```
$se
```

	(Intercept)	Age	Household	National_Economy	Europe
Conservative	0.2246614	0.04830192	0.05480146	0.05978239	0.05371571
Labour	0.2121346	0.04252510	0.04860122	0.05418439	0.04586360
Liberal Democrat	0.2176356	0.04600028	0.05197951	0.05646610	0.04888314

	Political_Knowledge	Gendermale
Conservative	0.04631649	0.09711340
Labour	0.04019716	0.08526619
Liberal Democrat	0.04389986	0.09191268

\$pvalues

	(Intercept)	Age	Household	National_Economy
Conservative	0.0006383908	0.0001004726	0.12598176	4.216628e-06
Labour	0.0005238845	0.0010162294	0.01096709	1.061460e-09
Liberal Democrat	0.4480466817	0.1465153351	0.17494886	1.513449e-01

	Europe	Political_Knowledge	Gendermale
Conservative	0.000000e+00	3.574449e-07	0.1807826
Labour	4.125436e-10	1.227018e-12	0.3198882
Liberal Democrat	1.854553e-05	1.180435e-01	0.2981099

\$catspec

Leader
[1,] 0.7055805

\$catspecse

Leader
[1,] 0.03926252

\$p_rel

	Age	Household	National_Economy	Leader	Europe	Political_Knowledge
[1,]	0	0.0003200035	0.07165663	1.804596e-09	0	1.44873e-12

	Gendermale
[1,]	0.6590674

\$xlim

[1] 5.361152 29.280140

\$ylim

[1] 5.134334 28.805884

