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_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 0.2246614 0.04830192 0.05480146 0.05978239 0.05371571 Conservative 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 0.04631649 0.09711340 Conservative Labour 0.04019716 0.08526619 Liberal Democrat 0.04389986 0.09191268 \$pvalues (Intercept) Age Household National_Economy 0.0006383908 0.0001004726 0.12598176 Conservative 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 0.000000e+00 3.574449e-07 0.1807826 Conservative 1.227018e-12 0.3198882 Labour 4.125436e-10 1.180435e-01 0.2981099 Liberal Democrat 1.854553e-05 \$catspec Leader [1,] 0.7055805 \$catspecse Leader [1,] 0.03926252 \$p_rel Household National_Economy Leader Europe Political_Knowledge [1,] 0 0.0003200035 0.07165663 1.804596e-09 0 1.44873e-12 Gendermale

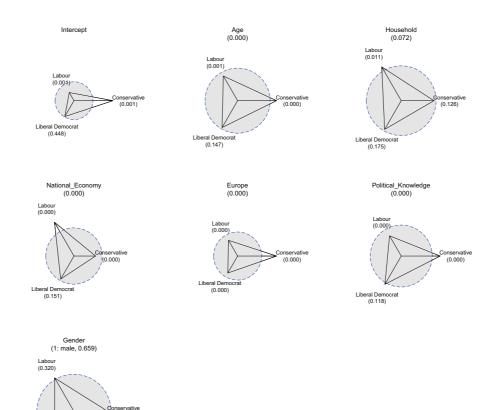
\$xlim

[1] 5.361152 29.280140

[1,] 0.6590674

\$ylim

[1] 5.134334 28.805884



Liberal Democrat (0.298)