

# British Election Panel Study

September 29, 2014

```
> 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")
```

\$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	Gender	male		
Conservative	1.2581011	0.915207			
Labour	0.7545625	1.040712			
Liberal Democrat	1.0533901	1.049905			

\$coefficients

	(Intercept)	Age	Household	National_Economy	Europe	Political_Knowledge	Gender	male
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				
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	0.001276782	0.0002009452	0.25196352	8.433257e-06
Labour	0.001047769	0.0020324588	0.02193417	2.122921e-09
Liberal Democrat	0.896093363	0.2930306702	0.34989771	3.026899e-01
	Europe Political_Knowledge Gendermale			
Conservative	0.000000e+00	7.148899e-07	0.3615652	
Labour	8.250871e-10	2.454037e-12	0.6397764	
Liberal Democrat	3.709106e-05	2.360871e-01	0.5962199	

\$catspec

[1,]  
[1,] 0.7055805

\$catspecse

[1,]  
[1,] 0.03926252

\$p\_rel

	Leader	Age	Household	National_Economy	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

