

Intermediate Social Statistics: Hilary 2011

Homework 2

Raymond Duch

Nuffield College Oxford University

www.raymond Duch.com

1 Homework Questions

Question 1

Use the uk election study uksmall.dta that is on my website (www.raymondduch.com). Estimate an ordered probit model that explains levels of democratic satisfaction. Illustrate the model results by generating changes in the predicted probability of democratic satisfaction that are substantively plausible and interesting. Include estimates of uncertainty on the changes in predicted probabilities that you generate. Evaluate alternative model specifications with appropriate assessments of model fit.

Question 2

Use the Belgium election study BEL87ds.dta that is on my website (www.raymondduch.com). Estimate a multinomial logit (or probit) model that explains vote preference in Belgium (use the “vote” variable). Illustrate the model results by generating changes in the predicted probability of voting for particular parties that are substantively plausible and interesting. Include estimates of uncertainty on the changes in predicted probabilities that you generate. Evaluate alternative model specifications with appropriate assessments of model fit.

Due in class Thursday, Week 6.