

ACADEMIC YEAR 2016/2017  
Università degli Studi di Milano  
GRADUATE SCHOOL IN SOCIAL AND POLITICAL SCIENCES  
APPLIED MULTIVARIATE ANALYSIS

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**THIRD ASSIGNMENT (CURINI)**

Using the dataset Itanes2006  
(Itanes2006.dta)

Develop a multivariate model to explain the Italian voting behaviour in 2006 (**vote2006**. If  $\text{vote2006}=1$  a citizen voted for a centre-left party vs. a centre-right party). Then do the diagnostic. Summarize your substantive conclusions, checking for model fit and diagnostic. Describe your results in no more than 700 words.

P.S. there are several “do not know / other” in the actual codification of the variables in the dataset. So be careful! And recodify them!

**OPTIONAL:**

Include in your model a quadratic or an interaction term, and test the marginal effect of this variable with the corresponding confidence interval.

**Due the 6<sup>th</sup> of April**

**NB: ASSIGNMENTS THAT EXCEED THE WORD LIMITS WILL NOT BE MARKED.**