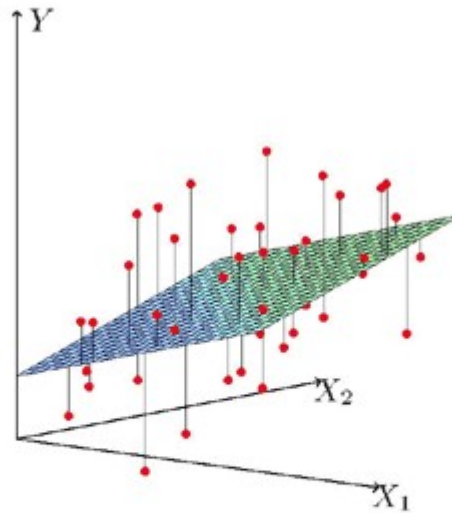# OLS en regresión múltiple

Figure 3.1: *Linear least squares fitting with $X \in \mathbb{R}^2$. We seek the linear function of X that minimizes the sum of squared residuals from Y.*

xkcd

TYPE I ERROR: FALSE POSITIVE

TYPE II ERROR: FALSE NEGATIVE

TYPE III ERROR: TRUE POSITIVE FOR INCORRECT REASONS

TYPE IV ERROR: TRUE NEGATIVE FOR INCORRECT REASONS

TYPE V ERROR: INCORRECT RESULT WHICH LEADS YOU TO A CORRECT CONCLUSION DUE TO UNRELATED ERRORS

TYPE VI ERROR: CORRECT RESULT WHICH YOU INTERPRET WRONG

TYPE VII ERROR: INCORRECT RESULT WHICH PRODUCES A COOL GRAPH

TYPE VIII ERROR: INCORRECT RESULT WHICH SPARKS FURTHER RESEARCH AND THE DEVELOPMENT OF NEW TOOLS WHICH REVEAL THE FLAW IN THE ORIGINAL RESULT WHILE PRODUCING NOVEL CORRECT RESULTS
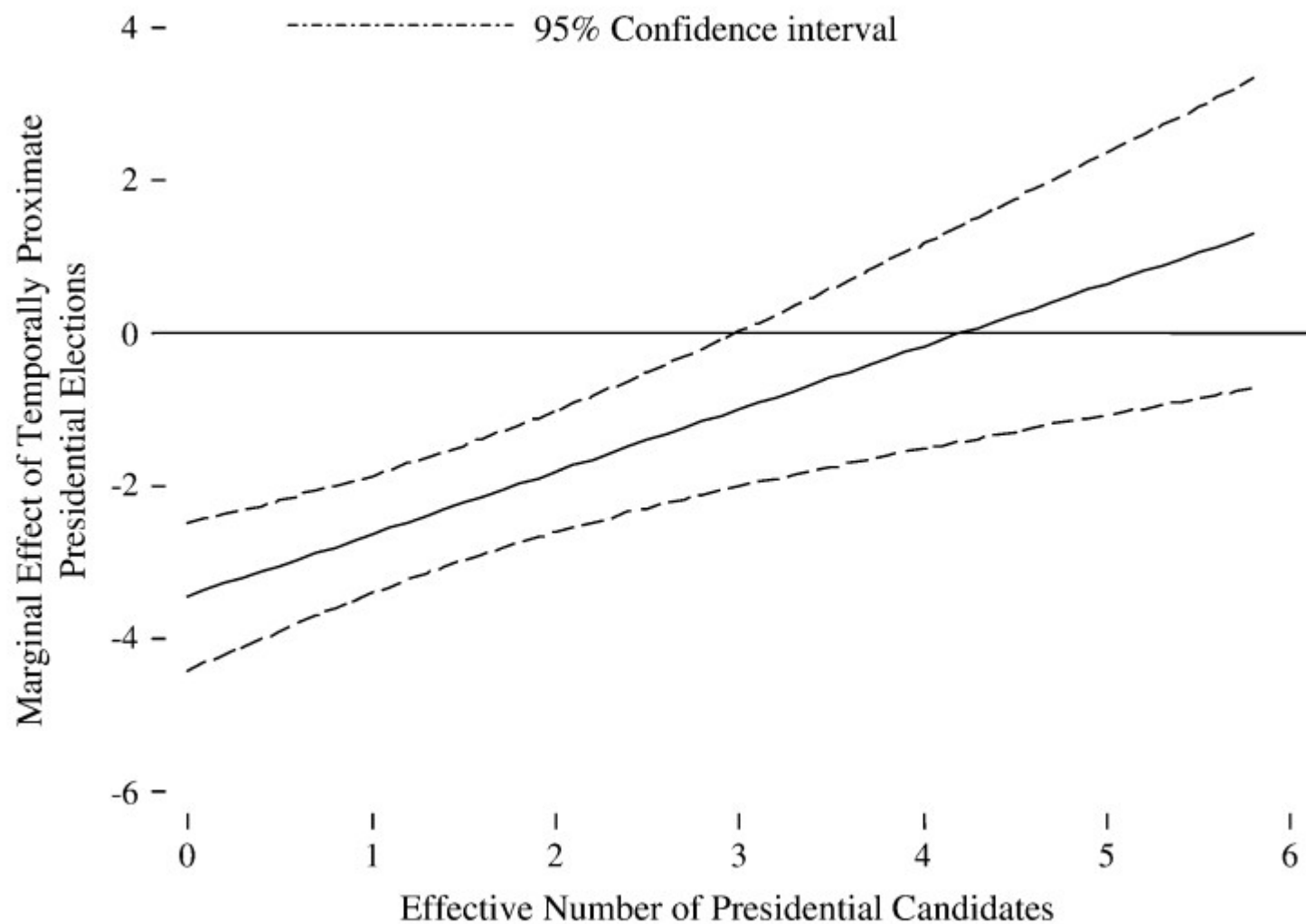
TYPE IX ERROR: THE RISE OF SKYWALKER

Fig. 3 The marginal effect of temporally proximate presidential elections on the effective number of electoral parties.