



Ordinal model: subtraction versus addition

In HLM, the ordinal model is defined in the form

$$\log \left[\frac{P(y \leq c)}{1 - P(y \leq c)} \right] = y_c - x' \beta$$

in which the coefficients are "subtracted", on other programs the coefficients are "added". If output from program parameterizing this in different ways is compared, the fixed coefficients will have opposite signs, even if they are of the same order.