SOFTWARE

WHAT IS THE BEST LOGISTIC MODEL?

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I have never heard a formal lecture answering this question even after many years in epidemiology. It should be parsimonious of course to avoid too many missings but seems largely a subjective approach to keep or drop a variable. It was therefore quite helpful to find now an online lecture that exemplifies a sound approach – check out unc.edu/cours-es/2006spring. I already used anova to compare models (at least since my move from SAS to R) while using AIC is something that I am adding now to my toolbox.

> sapply(list(model1,model2,model3),AIC)

I was using loess smoother in the past to decide how to enter a variable in the model, but will give now also respline.plot a chance

- > library(Design)
- > rcspline.plot(y=frogs\$pres.abs, x=frogs\$meanmin, nk=5, m=20)

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