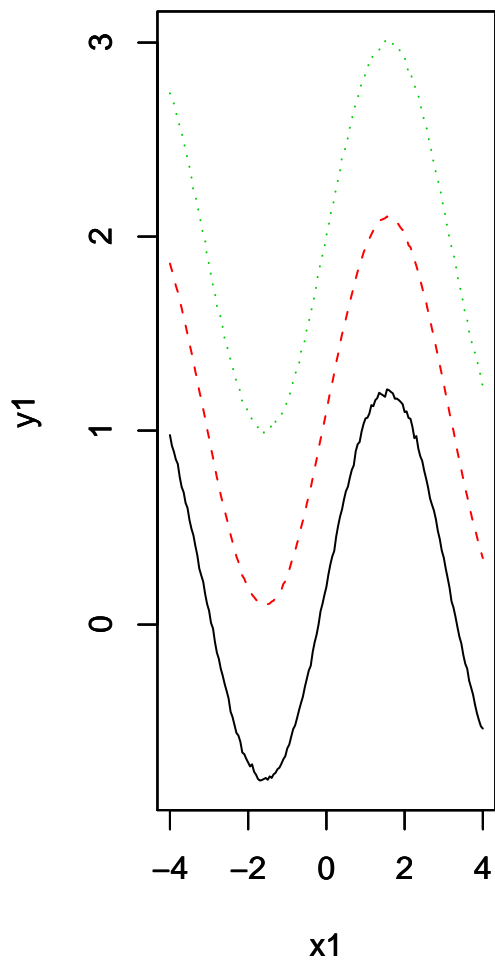main effect on y1

main effect on y2