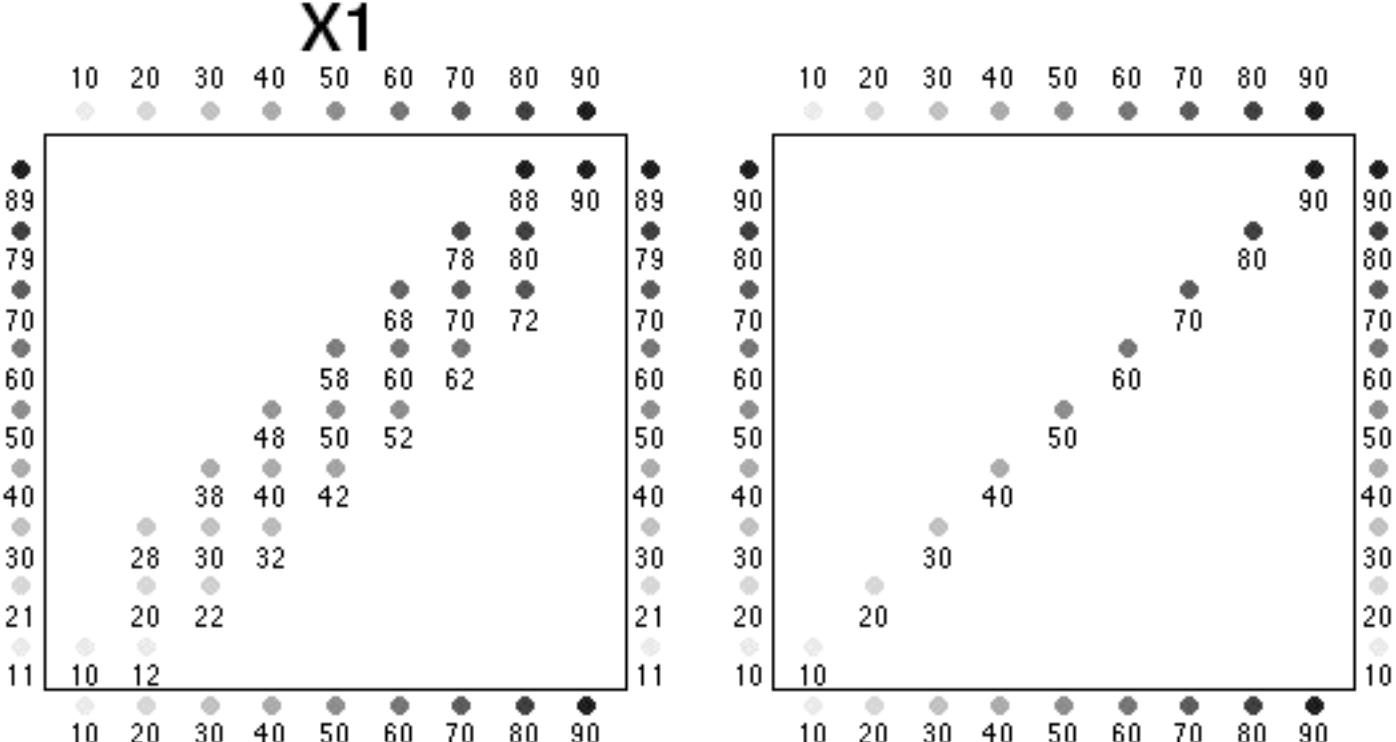
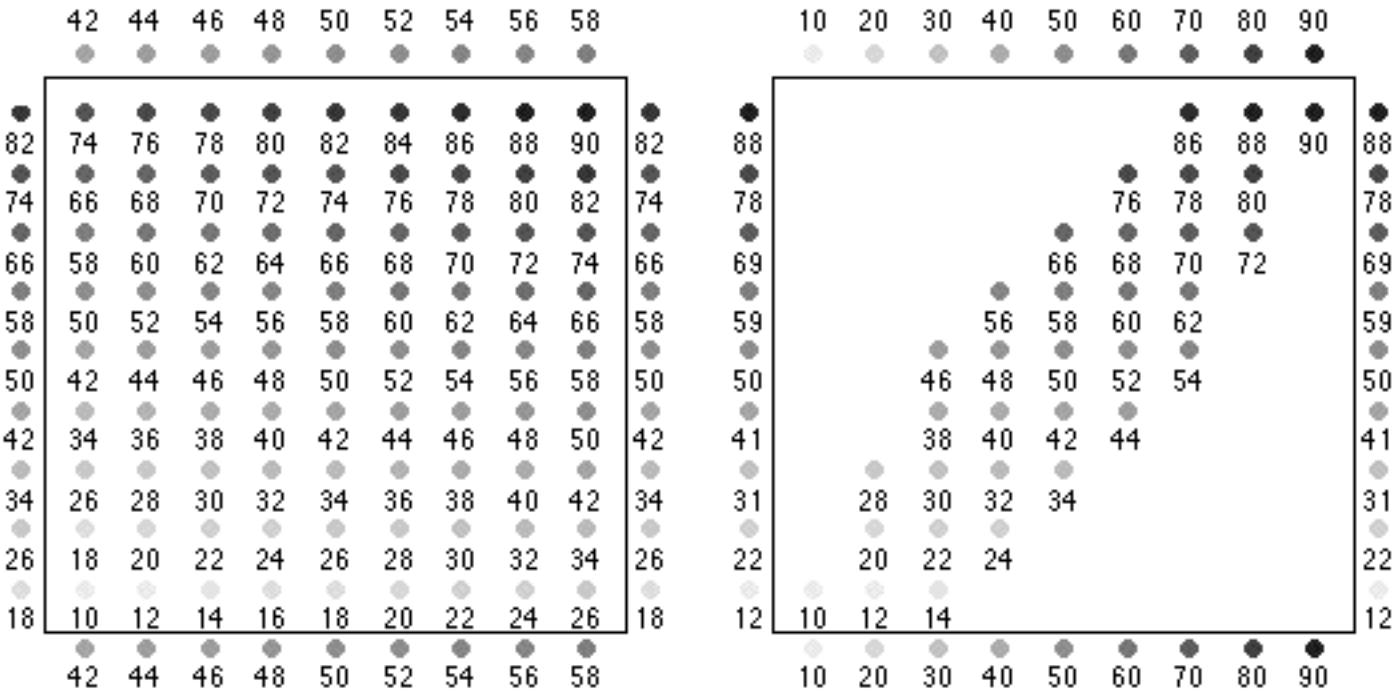
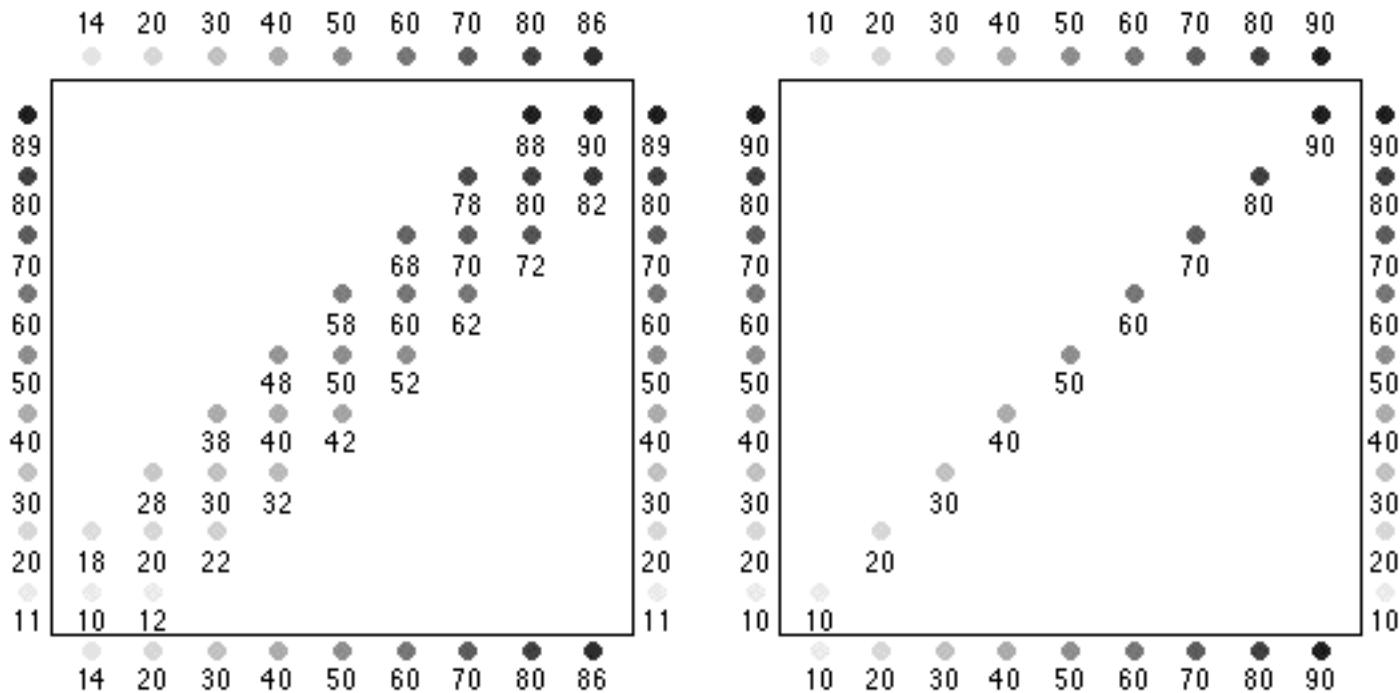
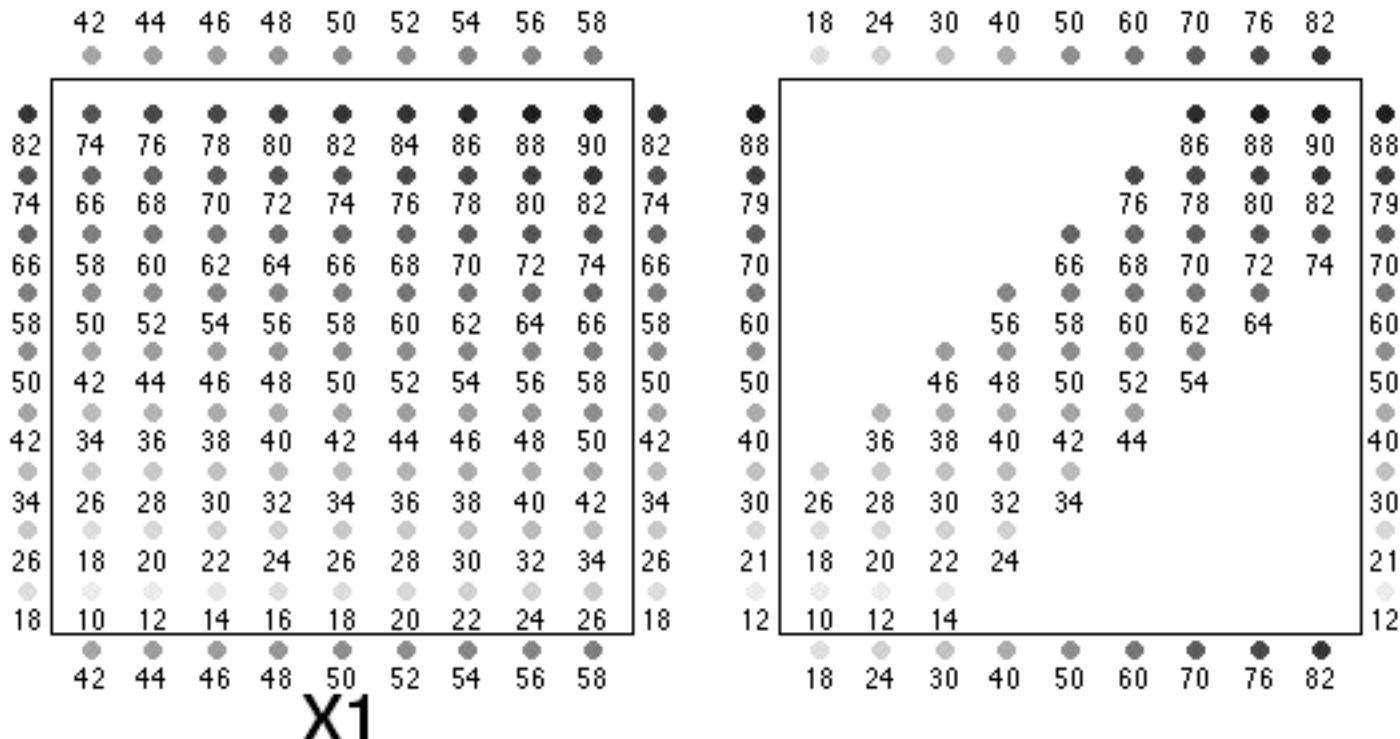


Why one cannot estimate the response gradient in the X1 direction from the "marginal" data (i.e. by "collapsing over" X2) .. and vice versa



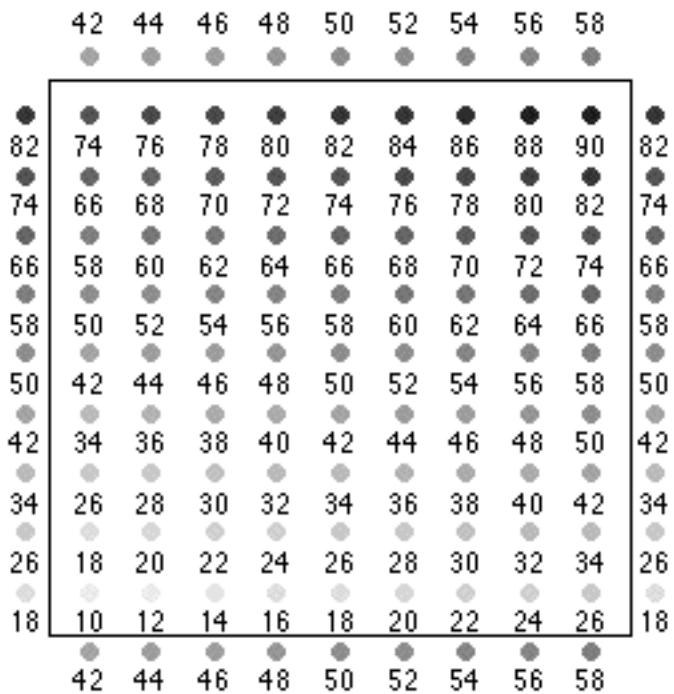
Confounding ...continued

x2

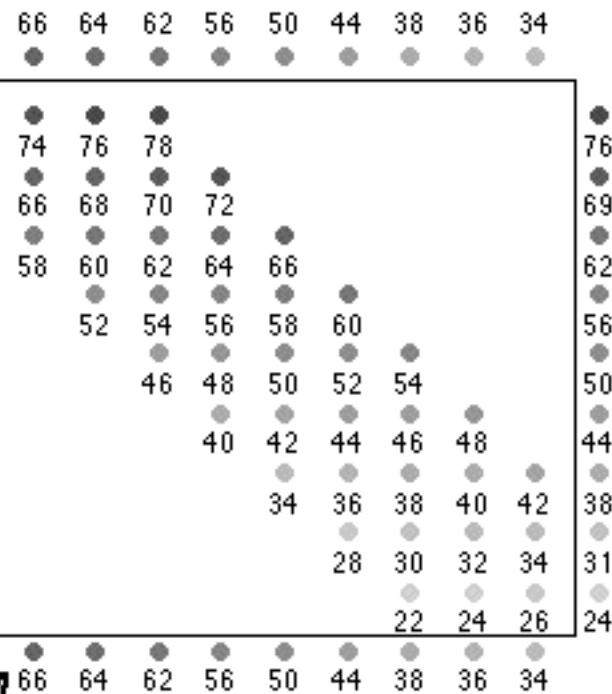


Confounding ... !!!

X2



X1



Average gradient over X1 does not equal gradient over X1 averages

