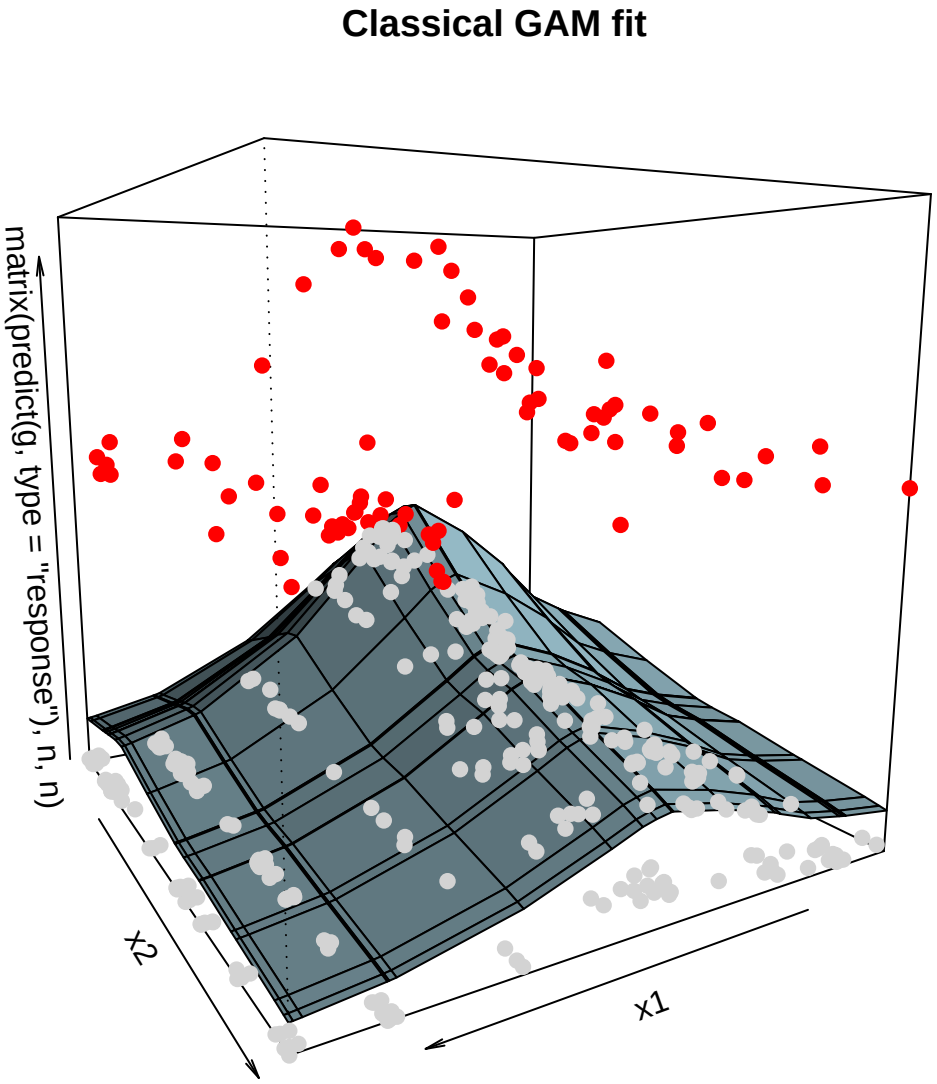
Classical GAM fit
matrix(predict(g, type = "response"), n, n)
x2
x1
gray points are below the surface