[1]
SSE at b_truth = (1.0, 0.5)^T is x.xxxxx
The smallest loss achieved = x.xxxxxxxxxxxxxxx
The fitted beta = (x.xxxxxxxx x.xxxxxxxx)^T
The number of iteration needed to reach this loss = x

[2]

iteration	beta_hat	loss
initial	[0.5 0.75]	52.587876
1	[x.xxxxxxxx x.xxxxxxxx]	x.xxxxxxxxxxxxxxx
2	[x.xxxxxxxx x.xxxxxxxx]	x.xxxxxxxxxxxxxxx
3	[x.xxxxxxxx x.xxxxxxxx]	x.xxxxxxxxxxxxxxx
4	[x.xxxxxxxx x.xxxxxxxx]	x.xxxxxxxxxxxxxxx
5	[x.xxxxxxxx x.xxxxxxxx]	x.xxxxxxxxxxxxxxx
6	[x.xxxxxxxx x.xxxxxxxx]	x.xxxxxxxxxxxxxxx
7	[x.xxxxxxxx x.xxxxxxxx]	x.xxxxxxxxxxxxxxx

[3] a plot of the fitted regression function here

[4] Estimated RMSE via LOOCV = x.xxxxxxxxxxxxxxx

[5] Estimated RMSE via 10-fold CV = x.xxxxxxxxxxxxxxx