

- 1 Question 5: The estimates for Beta OLS are very close to the actual values in Beta. Most were accurate to the hundredth decimal place.
- 2 Question 7: Yes, the values between Beta, nloptr, and neldermead differ quite a bit.
- 3 Question 9: These results are very close to our original values in beta. They seem to be the closest estimation so far

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Coefficients	
X1	1.5011
X2	-1.0008
X3	-0.2516
X4	0.7490
X5	3.5006
X6	-2.0008
X7	0.4987
X8	1.0028
X9	1.2465
X10	2.0010

Table 1: Coefficients