



A)

Although the normality assumption is not met, the same variance is so we use lda.

Group means:

	price	average.length
Germany	1.4009945	0.6849881
US	-0.3318145	-0.1622340

b) the AER is 0.069 obtained through leave on out cross validation

c) it is 87% by looking at the table of the predictions

d) after scaling the new data price and average length we obtain that the classification is USA.