

Problem Set Feedback

Shisham Adhikari

2/11/2021

Feedback For: Grisha

Problem Set Number: PS 6

Feedback Guidelines

1. General Feedback on the Problem Set.
 - Overall a good PS! I really like how you comment very thoroughly.
2. Problems where the approach was interesting, well done, or novel (provide details):
 - I really like your use of lag of price as the dependent variable, it makes more sense.
 - I like how you are very thorough about your collaborators and sources.
3. Problems where the approach was difficult to follow, could be cleaner, or was not well commented (provide details):
 - For problem 2, I think the plots for p-values should be raster density map like the coefficients one. Also, adjusting the plot size might make it easier to compare them.
4. Problems where you came to a different solution, and an explanation of why the solutions are different:
 - For problem 1, my code was slightly different and my graph had slightly more variation. Before I ran the regression, I changed the CRS as `crs(hd) <- "+proj=longlat +datum=NAD83"` and transformed the data `hdt <- spTransform(hd, alb)`. Maybe that might be the reason why our answers vary.
 - Same for the raster structure in problem 1, maybe because I transform, my plots have slightly wide range of colors.
 - I used `par(mfrow=c(2,2))` for number 2 to combine the individual plots; it saved some space and was easier to compare.